Hemant Kumar Singh

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# **EXPERIENCE:**

Senior Web Engineer | **UI Architect** with 18+ years of experience building scalable, high-performance enterprise applications. Specialized in Angular, React, and full-stack JavaScript with deep expertise in responsive UI/UX, state management, and performance tuning. Proven leader in front-end architecture, team collaboration, and AI-driven user experiences.

* **Frontend:** Angular 20, React, TypeScript, JavaScript (ES6+), HTML5, CSS3, NgRx, Redux, Material UI, Bootstrap 5, Tailwind CSS, jQuery
* **Backend & Tools:** Node.js, MongoDB, RESTful APIs, Docker, Kubernetes, AWS, Azure, PHP, MySQL, Webpack, GIT
* **Architecture:** Micro Frontends, Modular Design, Performance Optimization, Component Libraries
* **AI/ML:** Cursor AI, Codium AI, AI-integrated UI Solutions
* **Dev & CI Tools:** Angular CLI, Gulp, Grunt, GitHub Actions, Azure DevOps
* **Design & Workflow:** Responsive Design, UX Collaboration, Figma, Agile/Scrum

# PROJECT DETAILS:

# UI Architect @ Kore.ai: Dec 2022 – Ongoing

Project : Search Assist, GALE

Technology : Angular 20, HTML 5, CSS 3, Bootstrap 5, Node JS, Mongo DB

Website : <https://kore.ai>

* Led Angular 20 upgrade and optimized load time from 12s to 1s, improving Lighthouse score to ~80.
* Designed scalable architecture for AI-powered bot platforms including GALE and Search Assist.
* Integrated AI tools (Cursor AI, Codium AI) and Bootstrap 5 theming for high-performing UI delivery.

# UI Architect @ Globallogic: March 2021 – Dec 2022

Project : Mars Pet care, ARS, Accesscorp

Technology : Angular 12, NgRx, React, Redux, HTML5, CSS3, GIT,

Website : <https://www.globallogic.com/>

* Designed and implemented domain-level architecture across multiple Veterinary Practice Management Systems (PMS) for Mars Petcare.
* Introduced feature-based architecture for improved scalability and modular development.
* Developed and maintained responsive UI using Angular 12 and Angular Material.
* Implemented state management (Store design) across distributed domains.
* Managed code repositories and CI workflows using Azure DevOps.

# PROJECT @ SS&C (DST): March 2017– March 2021

Project : AWD

Technology : ES6, Angular 10, React, HTML5, CSS3, GIT

Website : <https://www.ssctech.com/>

* Designed and developed modular Angular (v7–10) applications for enterprise workflow automation.
* Built and maintained reusable UI components and implemented responsive layouts using Bootstrap 4 and Material Design.
* Led end-to-end UI/UX design from wireframes to interactions, ensuring adherence to style guides and accessibility standards.
* Collaborated with stakeholders to translate business requirements into intuitive interfaces and information architecture.
* Developed internal React-based portal for streamlined user workflows.
* Managed source control using GitHub and AWS CodeCommit.

# Member of Technical Staff @ Oracle: March 2017– April 2019

Project : Log Analytics (Oracle Management Cloud)

Technology : JS, Angular, HTML5, CSS3, jQuery, Node JS, Webpack, Gulp, GIT, Knockout JS, Oracle JET

Website : <http://www.oracle.com>

* Architected modular, responsive web applications using Angular, Bootstrap 4, and Oracle JET for log analytics workflows.
* Designed and implemented UI components to visualize large-scale log data meaningfully.
* Consumed RESTful APIs and optimized front-end performance for complex data views.
* Created prototypes and wireframes to evaluate multiple design directions.
* Improved application workflows by developing scalable UI architecture and navigation models.
* Conducted usability reviews and proposed UX enhancements for better user interaction.
* Managed build pipelines using Gulp, Gradle, and Git for streamlined delivery.
* Identified and resolved architectural challenges, improving system maintainability and user experience.

# UI Consultant @ Microsoft: July 2015 – Feb 2017

Project : Simplify, Virtuoso Worldwide, SDM Plus, GTI

Technology : JAVASCRIPT, Angular JS, HTML5, CSS3, Node JS, Mongo DB, Gulp, Knockout JS, TFS, GIT

Website : <http://www.microsoft.com>

* Designed and implemented application architecture for multi-page and SPA projects using AngularJS 1.5 and KnockoutJS.
* Built responsive interfaces with Bootstrap 3/4 and optimized front-end performance using Gulp and lazy loading techniques.
* Integrated REST APIs using AngularJS services and ensured seamless client-server communication.
* Streamlined build and deployment processes with GULP and version control using Git/TFS.
* Contributed to .NET-based applications by enhancing UI efficiency, modularity, and maintainability.

# Project @ Tech Mahindra: April 2014 – July 2015

Project : CGPS@Morgan Stanley

Technology : JAVASCRIPT, Angular JS, HTML5, CSS3, Node JS,  
 Mongo DB, D3 JS, GRUNT

Website : <http://www.morganstanley.com>

* Led front-end architecture and development of a MEAN stack-based Single Page Application for investment strategy management.
* Implemented responsive design using Bootstrap 3 and optimized UI performance through lazy loading and code splitting.
* Integrated RESTful APIs using AngularJS services for dynamic, data-driven views.
* Improved build efficiency and deployment using GRUNT and Git for version control.
* Contributed to visual data representation using D3.js for complex financial charts.

# Project Lead @ Tech Mahindra: Mar 2012 – Jun 2014

Project : iTranslate UI enhancement@Apple

Technology : JAVASCRIPT, JQUERY, Angular JS, HTML5, CSS3

Website : <http://www.apple.com>

* Led UI enhancements for Apple’s iTranslate web application, enabling real-time multilingual translation features.
* Architected and developed reusable UI modules using AngularJS, JavaScript, and jQuery.
* Integrated JSON-based APIs to support dynamic language switching and translations.
* Focused on performance optimization, code organization, and responsive layout improvements.
* Oversaw deployment, testing, and long-term maintenance of the translation platform.

# Project @ Encora Inc: September 2010 – March 2012

Project : Demand Generation@Amazon

Technology : JAVASCRIPT, XML, JSON, JQUERY, AJAX, HTML CSS

Website : <http://www.amazonservices.com/>, <http://www.amazonservices.jp/>

* Developed and maintained UI for Amazon’s e-commerce business tools across global domains.
* Implemented dynamic, responsive pages using JavaScript, jQuery, AJAX, and HTML/CSS.
* Delivered SEO-friendly web interfaces to improve discoverability and performance.
* Collaborated with stakeholders for code updates, testing, and ongoing maintenance across live environments.

# Software Engineer @ Magna Infotech December 2009 – August 2010

Project : NAFTA (Automotive Aftermarket)@Robert Bosch

Technology : JAVASCRIPT, XML,JSON,JQUERY,AJAX,HTML,CSS,PHP

Tool & Library : MKS, Mercury Quality Center, VIN Calculator,

BDX Suite, KTS(Vehicle Tester) notepad++

* Developed and maintained diagnostic web applications for electronically managed vehicle systems (e.g., Airbags, ABS, Fuel Cell, Navigation).
* Designed scripts for vehicle identification, error memory reading/erasing, actuator control, and self-tests using JavaScript, PHP, and XML.
* Participated in ECU system testing, lab simulations, and SD software validation.
* Utilized tools like MKS, Mercury Quality Center, and BDX Suite for testing and development workflows.

# Project @ ISource Worldwide : July 2009 – December 2010

Project : Printsites (E-Commerce)

Technology : JAVASCRIPT, JSON, JQUERY, AJAX, HTML, CSS,PHP

Tool & Library : Dreamweaver, GOOGLE AJAX API, JQUERY, notepad++

* Designed and developed e-commerce web solutions tailored for the printing industry using PHP, MySQL, JavaScript, and jQuery.
* Built key features including multi-user chat, web-based email, and a ticketing tool for helpdesk support.
* Developed dynamic web pages with content management, session control, SSL handling, and MVC structure.
* Created and tested prototypes for cross-browser compatibility and user interactions.
* Managed server-side operations including deployments, password authentication, and database queries.
* Contributed to SEO optimization and maintained technical documentation for ongoing platform improvements.

# Project @ Globals Inc : Jan 2009- July 2009

Project : JADOOS (WEB SITE REMOTE CONTROLLER)

Technology : JAVASCRIPT, JQUERY, YUI, AJAX, PHP, MYSQL, JSP

Tool & Library : Dreamweaver, GOOGLE AJAX API, notepad++

* Developed web-based tools like Rating, Bookmark, Translator, and Password Manager using JavaScript, jQuery, PHP, and MySQL.
* Built interactive applications enabling unified chat, translation, and remote content access using YUI and Google AJAX API.
* Designed custom JavaScript libraries to support dynamic widgets (e.g., hCard, media embeds, calendars) across external sites.
* Integrated cross-domain communication via iframe and optimized client-server data exchange using AJAX and JSON.

# Project @ Systel Info Solutions : June 2007 - Jan 2009

Project : Nano PBX (VOIP), ATA GUI Enhancement

Technology : PERL, SHELL SCRIPT, PHP, JAVASCRIPT, XML, MYSQL

Tool & Library : Dreamweaver, AJAX API, JQUERY, notepad++

* Developed VOIP-based Nano PBX application to manage call handling, forwarding, conferencing, and DND features.
* Built GUI components using PHP, JavaScript, and XML to support multi-line telephony.
* Wrote shell and Perl scripts to support backend logic and automate system-level tasks on Linux.
* Implemented client/server-side validations and maintained feature enhancements for improved user experience.

# EDUCATION:

B.Tech. (Computer Science Engineering) | UPTU | 2007 | 70.64%

B.Sc (Physics, Chemistry, Mathematics) | Avadh University | 2003 | 73.65%

Intermediate (Physics, Chemistry, Mathematics) | UP Board | 1998 | 70.20%

High School (Physics, Chemistry, Mathematics) | UP Board | 1996 | 72.83%