

Avinash Verma

Senior Software Engineer – Angular | React | Node.js | AWS | MongoDB | PostgreSQL |

CONTACT

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PROJECTS

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PROFESSIONAL SUMMARY

A dedicated and efficient Full Stack Developer with over 5+ years of experience across frontend, backend, and database systems. Proficient in **TypeScript, React, Angular, Express, AWS**, and **AI/LLM** integrations. Experienced in building scalable web applications and integrating Large Language Model (LLM) APIs to develop intelligent, AI-powered features.

DISSERTATION

Radiation hardened by design static random access memory (SRAM) and sense amplifier
<https://www.springerprofessional.de/en/radiation-hardened-by-design-sense-amplifier/17079308>

SKILLS

Frontend: Angular, React, HTML, CSS, SCSS, TypeScript, RxJS

Backend: Node.js, Express.js, REST APIs

Database: MongoDB, PostgreSQL, Sequelize

Cloud & Tools: AWS (EC2, S3, RDS), DataDog, Git, Fullstory, Firebase

AI & LLM Integration: Ollama, LLM API Integration, Prompt Engineering, AI Chatbot Integration, REST-based AI Proxy Services

EXPERIENCE

Senior Software Engineer

2022.08 - Present

unifyCX (GlowTouch), Mangalore, IN,

- Designed and implemented an AI-powered domain search system leveraging **LLM APIs** to interpret natural language user prompts and generate relevant domain name suggestions.
- Redesigned the registration flow for **Bluehost** and **HostGator**, improving UX and increasing conversion rates by implementing customer-centric interfaces via **Angular** and **Node.js**.
- Integrated **A/B testing frameworks**, enabling data-driven UI/UX enhancements for marketing and product teams.
- Built and deployed **real-time monitoring dashboards in DataDog**, proactively identifying and resolving performance bottlenecks.
- Contributed to the full-stack development of a **eCommerce platform**, supporting user engagement & business growth.

Software Engineer

2021.07 - 2022.08

TatvaSoft (BlueLabelLabs), Ahmedabad, IN

- Developed RESTful APIs using **Express.js with TypeScript**, ensuring scalable and maintainable backend solutions.
- Managed **PostgreSQL** databases and implemented **Sequelize ORM** for clean, efficient database interactions.
- Deployed and maintained cloud infrastructure using **AWS (EC2, S3, RDS)**, ensuring high availability and scalability.
- Collaborated with frontend teams using **Angular** to integrate and test complete user journeys.

System Engineer

2020.01 - 2021.06

Infosys Ltd., Pune, IN

- Worked on full-stack web development projects using the **MERN stack (MongoDB, Express.js, React, Node.js)**.
- Developed secure backend servers with **Node.js** and **Express.js**, handling authentication, routing, and business logic.

EDUCATION

ABV-Indian Institute of Information Technology and Management,

Jan 2019

Master of Technology - MTech: VLSI

IES IPS Academy,

Jan 2017

Bachelor's Degree: Electronics and communication