Bhanu Pratap Singh
Fullstack Developer

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Full-stack developer with 5+ years of experience designing and delivering scalable web applications, APIs, and AI-driven solutions across automotive and enterprise domains. Skilled in React, Next.js, Node.js and D3.js for building interactive, production-grade front ends and data visualizations, with strong backend expertise in Node.js, Express, GraphQL/REST and databases (MySQL, MongoDB). Extensive cloud experience on Azure and AWS, including productionizing Generative AI solutions (Azure OpenAI, Google Gemini, LangChain, Python), driving platform migrations, and optimizing system performance by up to 66%. Proven leader of cross-vendor teams who translates business requirements into reliable, well-architected systems; passionate about end-to-end platform development, observability, and building AI-enabled products that deliver measurable business value. Currently seeking Senior Fullstack Developer / Cloud Engineer / AI Engineer roles to apply modern web, cloud, and AI expertise to impactful, large-scale projects.

Professional Experience

Senior Fullstack Developer
Accenture, Tokyo   *June 2025 - Present*

- Solely responsible for **end-to-end UI development** using **Next.js** and **D3.js** to build interactive dashboards and visualizations for an internal automotive lifecycle platform.
- Contributing to the **backend development** of a **Generative AI project** leveraging **Azure OpenAI** and **Google Gemini** models to generate multi-solution workflows across the automotive SDLC.
- Collaborating with cross-functional team members to design, train, and integrate AI-driven solutions into real-world business use cases.
- Developing backend services in **Python** and **Ollama** while enhancing proficiency in scalable AI/ML integrations.
- Driving innovation by combining **Generative AI**, modern frontend frameworks, and cloud services to accelerate solution delivery within the automotive domain.

Team Lead
Accenture, Tokyo   *August 2024 - May 2025*

- Led a **16-member cross-vendor team**, including senior engineers, to design and deliver a **Document Management Portal** for a major global automotive client.
- Oversaw **end-to-end development** using **Next.js** for frontend, with seamless integration of **APIs** and **storage services** to enable document linking, editing, and version comparison.
- Implemented **Role-Based Access Control (RBAC)** and integrated **AWS SSO** to ensure secure and scalable user authentication across the platform.
- Utilized **Docker** and modern DevOps practices to containerize and streamline deployments, improving reliability and reducing environment setup time.
- Coordinated multi-vendor collaboration, managing priorities, risks, and deliverables to ensure **on-time project delivery** within client expectations.
- Acted as a bridge between technical teams and client stakeholders, translating business requirements into **scalable technical solutions**.
- Fostered an Agile working environment by facilitating sprint planning, reviews, and retrospectives, driving team efficiency and collaboration.

Senior FullStack Engineer

- Contributed to the **Dealer's Diagnostic Portal** for a global client by implementing new features using **React** (frontend) and **Node.js** (backend).

- Designed and implemented **UI and backend performance optimization strategies**, improving portal loading times by **66%** and enhancing user experience.

- Developed **scalable and configurable backend services** in Node.js to process and analyze **complex real-time diagnostic data**.

- Collaborated with **cross-origin and cross-functional teams**, ensuring seamless integration and delivery of features across multiple geographies.

- Successfully **handled the project single-handedly** during resource constraints, maintaining delivery timelines and client expectations.

- Received **multiple client recognitions** for exceptional contribution, ownership, and commitment to project success.

Education

B.E in Mechanical Engineering May 2016 - May 2020
Army Institute of Technology at Pune

- Served as **Robotics Secretary**, leading student initiatives in automation, coding, and Arduino-based projects.

- Represented the institute in **Robocon** and multiple **IIT Techfests**, winning awards for innovative robotics and automation solutions.

- Gained strong foundations in **problem-solving, programming, and embedded systems**, which fueled a transition into software development.

Key Skills

- **ReactJs, NextJs**
- **NodeJs**
- **Azure Cloud, AWS**
- **GIthub, Jira, Confluence**
- **D3**
- **REST API, GraphQL**
- **Docker**
- **MySQL,MongoDB**
- **Javascript, TypeScript, HTML, SCSS**

Certifications

Google Associate Cloud Engineer Certification   May 2024
Google

www.credly.com/badges/fd457f88-252f...

Google Professional Cloud Architect Certification   June 2024
Google

www.credly.com/badges/fd457f88-252f...

Microsoft Certified: Azure Fundamentals   March 2024
Microsoft

learn.microsoft.com/en-gb/users/bha...

Microsoft Certified: Azure AI Engineer Associate   May 2024