HARSHIT SRIVASTAVA

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Pursuing a challenging role as a **Full Stack Engineer**, applying expertise in GenAI workflows, cloud-native architectures, and scalable full-stack development to build intelligent, high-performance digital products that enhance business impact and engineering efficiency with preference for remote opportunities.

CORE COMPETENCIES

- Artificial Intelligence & Generative AI Integration
- AI-Assisted Development and Automation
- Cloud Infrastructure Management
- Full-Stack Web Application Development
- Interactive Data Visualization & UI/UX Design
- Data Analytics and Visualization
- Performance Optimization Techniques
- Scalable & Reliable System Design
- Software Development Life Cycle (SDLC)
- Agile Software Development
- Internet of Things (IoT) Solutions

TECHNICAL SKILLS

Front-end: Angular, ReactJS, Next.js, Chart.js, Three.js

Back-end: Node.js, Express, Convex, Python, Django

DevOps: Docker, Kubernetes, AWS, CI/CD

Databases: PostgreSQL, Firebase, Mongo DB

AI & GenAI: Prompt Engineering, OpenAI API, LangChain, Vector Databases (Pinecone, Chroma), RAG Pipelines, GitHub Copilot

Programming: JavaScript, TypeScript, C++/STL, DSA

EDUCATION

Bachelor of Technology Computer Science & Engineering
GL Bajaj Institute of Technology & Management
08/2017 – 07/2021 • **GPA: 8.8/10**

Class XII
Rani Laxmi Bai School, Lucknow
04/2016 – 05/2017 • **Score: 90.2%**

PERSONAL DETAILS

Address	: Pune
Date of Birth	: 24th Nov 1998
Languages Known	: English & Hindi

PROFILE SUMMARY

- Full Stack AI Developer with **4.5 years** of experience architecting **GenAI-enhanced, data-intensive, and cloud-native web platforms** using React, Angular, Node.js, and AWS.
- Proven expertise in building **real-time IoT dashboards**, remote monitoring solutions, and interactive data visualization systems, accelerating insight delivery by **up to 50%**.
- Specialized in **AI-assisted development workflow**, leveraging Prompt Engineering, OpenAI API, LangChain, and RAG pipelines to automate documentation, testing, and UI prototyping—delivering **20–25% faster sprints**.
- Strong command in **scalable microservices, containerized deployments, and CI/CD automation** using Docker, Kubernetes, AWS ECS, and load-balancing strategies to support **5× traffic scaling with zero downtime**.
- Hands-on experience optimizing large datasets via **virtualized rendering, efficient state management, and performance tuning**, reducing load times by **40%**.
- End-to-end product ownership experience across **B2C platforms, subscription systems, payment integrations** (Stripe, Razorpay), and post-launch optimization.
- Recognized technical mentor and GenAI evangelist—delivered org-wide sessions on GitHub Copilot, conducted 10+ student workshops, and contributed to modernization of legacy systems.

WORK EXPERIENCE

Software Engineer| **Eaton** • Pune| *September 2023 – Present*
Responsibilities:

- Led the end-to-end development of **remote monitoring and IoT-enabled dashboards** for Eaton's Brightlayer Software Suite (BLSS) and Foreseer, improving data visualization performance by **50%** through optimized rendering pipelines and real-time update mechanisms.
- Contributed to a **$30M enterprise product**, enabling large-scale subscription adoption and real-time data monitoring.
- Engineered advanced visualization components including **interactive One-Line Diagrams, multi-threshold analytics, waveform inspection modules, and harmonic analysis tools**, using Angular, ReactJS, and Chart.js to elevate user engagement and operational decision accuracy.
- Strengthened DevOps reliability by enhancing CI/CD pipelines using **Docker and Kubernetes**, reducing deployment time by **30%** and ensuring highly stable release cycles.
- Pioneered **AI-assisted development practices**, integrating Prompt Engineering and GenAI solutions to automate documentation, test case generation, and rapid UI prototyping—accelerating delivery cycles by **20%**.
- Implemented continuous performance optimization strategies, improving large-scale dataset load times by **40%** using virtualized rendering, efficient state management patterns, and targeted code-level refinements.
- Authored **white papers and technical documentation** detailing **Generative AI workflow**, **LangChain**, and **LangGraph implementations** to standardize AI development across teams.
- Documented **end-to-end Generative AI pipelines**, including prompt engineering, LangChain chaining, and LangGraph workflow integrations, enabling consistent adoption by engineering teams.
- Developed enterprise-level dashboards actively used by **high-value clients** including **Amazon, Microsoft, HTC, and Alibaba**.

Software Engineer – Full Stack| **Ather Energy** • Bengaluru| *January 2022 – September 2023*
Responsibilities:

- Designed and developed a secure **subscription management system** for EV charging services, integrating Stripe and Razorpay payment gateways to deliver seamless and reliable transaction experiences.
- Built and optimized scalable full-stack applications using **ReactJS, Node.js, and PostgreSQL**, increasing platform performance and user retention by **40%**.
- Architected highly available infrastructure using **AWS ECS**, application load balancers, and caching mechanisms, enabling the platform to handle **5× traffic** while maintaining **zero downtime**.
- Owned the complete lifecycle of multiple **B2C digital products**, covering requirement analysis, system design, development, deployment, and post-launch performance optimization.
- Worked in the **Subscription & Services team**, managing **~40,000 monthly subscriptions** and servicing **1 million+ website visitors**.

ACHIEVEMENTS

- Spearheaded the **modernization of legacy systems at Ather Energy**, considerably enhancing platform scalability, maintainability, and long-term system reliability.
- Successfully delivered multiple **high-impact B2C applications** from conception to launch, enabling seamless user experiences and reaching **thousands of customers**.
- Conducted **organization-wide enablement sessions at Eaton** on GitHub Copilot and Prompt Engineering, driving GenAI adoption and improving engineering productivity across teams.
- Led **live coding and mentorship sessions** with Coding Ninjas, guiding and upskilling **100+ students** in full-stack and software development practices.
- Secured **Top 2 rank out of 100+ participants** in an inter-college coding competition, displaying strong algorithmic and problem-solving expertise.