

HUMERA NAAZ

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PROFESSIONAL SUMMARY

Full-stack MERN developer with 3+ years of experience in building scalable applications, cloud-native solutions, and AI/ML integrations. Improved deployment efficiency by 60% with CI/CD automation and reduced infrastructure costs by 25% using microservices and containerization. Recognized for driving innovation, cross-team collaboration, and delivering high-impact solutions in fast-paced environments.

WORK EXPERIENCE

Cyber Infrastructure | San Jose, USA | Full-Stack Developer

Sept 2024 – Present

- Built a **full-stack collaboration platform** with MongoDB, Express.js, React.js, and Node.js, improving **cross-team integration by 30%** and accelerating the fastest-ever feature rollout.
- Developed an **AI workflow coordination tool** in React.js/Node.js, recognized internally as the company's **"Most Innovative Project."**
- Automated **real-time subscription handling** by integrating **Stripe webhooks** with Node.js, reducing manual tasks by **40%** and cutting response times.
- Optimized **Stripe payment flow** via Express.js, boosting transaction success by **5%** and saving **\$5K per month**.
- Enhanced backend performance by integrating **C++ extensions**, accelerating **data-intensive workflows by 20%**.
- Delivered enterprise **system integrations with SAP and third-party APIs**, streamlining data exchange across financial and operational units.
- Collaborated on **LLM-powered chatbots** for internal support workflows, reducing support resolution time by **25%**.

Infosys Software | Hyderabad, India | Software Developer Engineer

Dec 2021 – Apr 2023

- Designed **10+ automated workflows** for IT requests, reducing manual intervention and achieving **95% SLA compliance**.
- Built **microservices architecture** with REST APIs, Docker, and Kubernetes, reducing infrastructure costs by **25%** through dynamic scaling.
- Developed **AIOps-driven event correlation and predictive analytics**, cutting **mean time to resolution (MTTR) by 35%**.
- Authored a **library of reusable automation scripts** in BMC Control-M, boosting team productivity by **25%** and mentoring junior engineers in automation best practices.
- Spearheaded **CI/CD pipeline integration** with GitLab, Jenkins, and Terraform, decreasing deployment time by **60%** and increasing release frequency to **5x per week**.
- Implemented **multi-factor authentication protocols** within Helix Innovation Studio, improving data security and compliance.
- Configured **Prometheus alerts** based on performance thresholds, preventing **95%+ of outages** before user impact.
- Collaborated with data teams to implement **ML models for anomaly detection** in IT infrastructure monitoring.

Infosys, Hyderabad, India, Software Developer Intern

April 2021 – Nov 2021

- Facilitated **RESTful APIs** using Java and Spring Boot, improving modularity and boosting performance by **30%**.
- Designed **backend services with MySQL/PostgreSQL**, reducing query latency by **20%** for data-heavy modules.
- Increased **unit test coverage to 85%** with JUnit and Mockito, reducing post-release defects by **40%**.
- Established **CI/CD pipelines** with Git, Bitbucket, and Jenkins, accelerating release cycles by **25%**.
- Standardized **API testing protocols** with Postman, creating a **centralized API "source of truth"** adopted by three teams.
- Co-ordinated in Agile Scrum ceremonies, contributing to sprint planning and backlog refinement to ensure delivery of high-quality features.
- Worked on integrating **basic ML-based recommendation modules** into enterprise applications, providing personalization features for pilot projects

TECHNICAL SKILLS

Frontend & Backend Development: JavaScript (React.js, Node.js, Express.js), Java (Spring Boot), REST APIs, C++

Databases: MongoDB, MySQL, PostgreSQL, Oracle, SQL Server

Cloud & DevOps: AWS, Azure, GCP, Docker, Kubernetes, Terraform, GitLab CI/CD, Jenkins

AI/ML & Emerging Tech: Python (Pandas, NumPy, Scikit-learn, TensorFlow), Generative AI (LLMs, Prompt Engineering, RAG, LangChain), Vector Databases (Pinecone, FAISS)

Testing & Automation: JUnit, Mockito, Selenium, Postman, API Testing, Unit/Integration Testing

Monitoring & Observability: Prometheus, Grafana, Logging & Alerting systems

Other Tools: SAP Integration, BMC Control-M, Agile Scrum, GitHub, Bitbucket

EDUCATION

Master's of Computer Science | May 2023-Aug 2024

San Francisco Bay University, Fremont, CA | GPA: 3.8