

# Namitha Jajur Chandrashekhar

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## SUMMARY

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Results-oriented Full-Stack Developer with 3+ years of experience. I architect and deliver high-performance web applications using industry-leading cloud platforms and frameworks to drive user growth and business impact.

## EDUCATION

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**Northeastern University** Boston, MA  
*Masters in Computer Software Engineering* Aug 2024  
Relevant Coursework: Program Structures and Algorithms, UI / UX, Prompt Engineering and Gen AI

**JSS Academy of Technical Education** Bengaluru, India  
*Bachelor's in Computer Science* Aug 2020  
Relevant Coursework: Algorithm design, Machine Learning, Operating Systems, Cloud computing

## EXPERIENCE

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**Software Engineer - The Burnes Center for Social Change** Aug 2023 – Jun 2024  
*Northeastern University* Boston, MA

- Launched a dashboard using ReactJs, D3.js and GraphQL for educators to track student progress, boosting engagement by 12%
- Employed Python for a backend service in a GPT-powered chatbot on [Reboot Democracy](#), engaging over 3,000+ users and achieving a 28% increase in page views while demonstrating innovative governance practices.
- Created Python scripts to automate the structuring and updating of data across millions of rows, significantly streamlining data management processes

**Software Developer - Infosys** Mar 2021 – Jun 2022  
*Client- Pfizer Technologies* Bengaluru, India

- Developed Angular web applications for consumers to manage drug information, compositions, and financial reports, improving data organization and streamlining processes
- Streamlined Hibernate ORM with batch processing and efficient session management, reducing query times by 9%
- Integrated Redis caching and Apache Kafka for data streaming, achieving a 10% reduction in response times
- Enhanced application security by securing API access with robust OAuth protocols, ensuring high compliance standards and protecting sensitive data

**Full Stack Software Engineer** Jun 2019 – Feb 2021  
*ESPL Tech IT* Bengaluru, India

- Developed a real-time monitoring system using Springboot and Angular, reducing machine downtime by 26%
- Integrated Salesforce CRM to automate order tracking and updates, reducing processing time from 33% and handling 50 more orders weekly
- Hosted an application using Nginx for load balancing and reverse proxying, integrated with GitLab CI for version control, reducing monthly stockouts by 28%

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript, HTML, CSS/Sass, Python, Java, C++, Go  
**Web Development:** React.js, Next.js, Angular, VueJS, Node.js, Express.js, Flask, Spring Boot, Redux  
**Database:** MySQL, PostgreSQL, MongoDB, GraphQL  
**Cloud Services:** AWS - EC2, S3; GCP - Gemini, Vertex AI, BigQuery  
**CI/CD Tools:** Jenkins, Kubernetes, Terraform, Docker  
**Others:** Kafka, RabbitMQ, Jira, Git, Confluence, Bitbucket, Linux, Redis

## PROJECTS

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**Aqua Paths** | *Flask, Pinecone, Gemini, Vertex Ai* Jan – Apr 2024

- Built an open platform integrating Sea Routes APIs to optimize maritime logistics, reducing CO2 emissions. Developed a RAG-based system using Streamlit for additional insights to enhance operational improvements

**GCP Web App Deployment with DevOps Automation** | *Node.js, GCP, HashiCorp* Oct – Dec 2023

- Deployed a scalable NodeJS application on GCP, using Packer and GitHub Actions for CI/CD, and managed infrastructure with Terraform, optimizing performance and security.