

Trivikram Bhavesh Budhabhatti

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OBJECTIVE

Graduate software engineer with 2+ years' experience in distributed systems, cloud automation, and monitoring working with Financial and Energy industries. Seeking FTE opportunities specializing in SE and SRE roles starting May 2026.

SKILLS

- **Programming & Scripting:** Java, Python, Scala, C, C++, Go, PowerShell, Bash, SQL, JavaScript, Matlab
- **Frameworks & Tools:** Git, GitHub Actions, Jenkins, Django, JavaFX, UML, Spring Boot, Pandas, Numpy, Matplotlib, Plotly
- **Web & UI:** HTML, SCSS, Typescript, React, Redux, Material UI, Node.js, Express, Streamlit
- **Databases:** PostgreSQL, InfluxDB, MySQL, MongoDB, Snowflake
- **Cloud & APIs:** AWS, GCP(Google Cloud), Private Cloud (DNS, Vault, Certificate, Kafka, Druid), Kubernetes, Docker, Terraform
- **AWS :** ECS, ECR, SQS, SNS, RDS, EC2, S3, Keys, Certificate, DNS, Cloudwatch, Packer

WORK EXPERIENCE

Software Engineer Intern | LG Energy Solutions Vertech | Westborough, MA Sep 2025 - Dec 2025

- Deployed a predictive model on AWS ECS enhancing processing efficiency resulting in a **7x** performance boost (**8h to 1h**).
- Deployed **Streamlit app** on Snowflake visualising data availability in DB, improving 2-3TB's data rendering by 30%.
- Optimized **400k battery data** files processing **Python** algorithm, boosting the data cleaning in **AWS** by 700%.

Software Engineer | Société Générale | Bangalore, India Jun 2022 - Jul 2024

- Developed an innovative **self-service Grafana distributed monitoring platform** using Flask and Kubernetes, enabling 6,000+ users to spin up **real time monitoring dashboards** for real-time visibility.
- Automated **real-time metrics/log ingestion and visualization** via APIs, reducing setup time from 7 days to 7 minutes.
- Built **fault tolerant asynchronous RESTful APIs** (Flask, Celery, SQLAlchemy) to manage resources (CRUD, Backup, Restore), achieving consistent **60-second latency SLAs**.
- Developed **Python automation scripts** to streamline incident detection and resolution workflows, **reducing incident resolution time by 80%** (4 hours to 20 minutes), serving 200+ global clients and decreasing operational expenses by 60%.
- Implemented **CI/CD pipelines (GitHub Actions, Jenkins)**, boosting release speed by **30%** and cutting bugs by **40%**.

PROJECTS

AWS Cloud Webapp — Github : [AWS-Webapp , https://trivikrambudhabhatti.me](https://trivikrambudhabhatti.me) Jan 2025 - Present

- Architected and deployed **Flask-based RESTful services** with AWS RDS and EC2, integrating **health monitoring, logging, and real-time observability** with CloudWatch.
- Used **Terraform** and **Packer** to automate infrastructure provisioning and making AMIs for consistent deployments.
- Implemented production-ready security and scalability practices including Route 53, IAM, and autoscaling groups.

EnrollAI — Web Development — Github: [Trivikram-B/EnrollAI](https://github.com/Trivikram-B/EnrollAI) Aug 2024 - Dec 2024

- Built a full-stack **MERN** app with role-based access control (Student, Faculty, Admin) & **AI-powered course recommender**.
- Enhanced usability and reliability with localization (**i18n**) and device integration (**Fugu** for webcam-based profile picture).

NUMockMate — Java Application — Github: [Trivikram-B/NUMockMate](https://github.com/Trivikram-B/NUMockMate) Aug 2024 - Dec 2024

- Created a comprehensive job search companion application with **interview scheduling, question bank, task tracking, and application management** features.

EDUCATION

NORTHEASTERN UNIVERSITY

Master of Science in Computer Software Engineering [**GPA:3.8**]

Relevant Coursework: Object Oriented Design, Web Design, Cloud Computing, Data Science

Boston, MA

Expected May 2026

PES UNIVERSITY

B.Tech in Computer Science Engineering

Specialization in Machine Intelligence and Data Science

Bangalore, India

May 2022