

# 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://github.com/Trivikram-B/AWS-Webapp), <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