

Rugved Gundawar

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EDUCATION

Northeastern University, Boston, MA

December 2026

Master of Science in Information Systems

3.7/4.0

Related Courses: Data Structures & Algorithms, Object Oriented Design, Databases, Cloud Computing.

Savitribai Phule Pune University, Pune, India

July 2022

Bachelor of Engineering in Electronics and Telecommunications

3.8/4.0

SKILLS

Languages: Java, Python, JavaScript, SQL, PHP, Bash

Backend & Frameworks: Spring Boot, Node.js, Express.js, Struts, REST APIs, JWT, OAuth2, SAML, RADIUS

Databases: PostgreSQL, MySQL, MSSQL, Redis, MongoDB

Cloud & DevOps: AWS (EC2, S3, RDS, CloudWatch), Docker, Terraform, CI/CD, AMI creation

Testing & Tools: JUnit5, Mockito, Git, Agile/SCRUM

EXPERIENCE

Miniorange Software Securities, Pune, India

Jul 2022 - Jun 2024

Software Developer Engineer

- Developed a custom **Node.js SOAP-to-REST** bridge integrating Duo MFA and PostgreSQL validation for Vodafone Egypt, generating **\$50,000 annual revenue** and providing secure access to legacy employee systems
- Augmented miniOrange **On-Premise IAM** with **MSSQL compatibility** by writing optimized queries and migration scripts, enabling onboarding of 3 major clients and generating **\$24K in revenue**
- Architected **2 enterprise-grade** authentication modules (**Java, Spring Boot, PHP**) integrated with miniOrange IDP using JWT, securing **50K+ users** and taking full ownership of design, development, and deployment
- Facilitated self-service deployments by creating **Amazon AMI** packages for miniOrange On-Premise IDP licenses, reducing installation time from **3 hours to 30 minutes**
- Implemented a cross-platform device-restriction feature with a .NET agent for Windows/Linux, using MAC addresses and secure tokens via REST APIs, improving cross-browser authentication reliability by 40%

IMATMI, Pune, India

Aug 2021 – May 2022

Full Stack Developer Intern

- Constructed a **MERN stack platform** connecting dyslexic students with doctors, supporting **900+ users**, with **geo-location-based matching**, achieving **85%** successful pairings (measured via platform logs)
- Integrated real-time **WebSocket video communication**, reducing latency from **100ms to 20ms** by optimizing event handling, batching messages to enhance live student-doctor interactions
- Refined **MongoDB queries** with the aggregation pipelines and indexed fields, **reducing report generation time by 75%** and improving platform responsiveness

InfoSpeed Services, Pune, India

Jan 2021 – Apr 2021

Software Developer Intern

- Built a **Java Spring Boot** cargo tracking module, processing **15,000 daily barcode scans**, enabling real-time tracking for **600+ containers** across 4 warehouses
- Streamlined centralized logging (SLF4J + Logback + ELK) and alerting/monitoring, helping reduce typical incident resolution time by 2 hours to 1 hour
- Authored **unit and integration tests** (JUnit5, Mockito), achieving **92% coverage**, catching critical pre-deployment bugs, and reducing post-release **defects by 60%**

TECHNICAL PROJECTS

AI Phishing Detector – Chrome Extension | JavaScript, Node.js, Gemini API | [GITHUB](#)

- Engineered hybrid detection system combining **20+ traditional** risk factors with Google Gemini AI, processing pages in **50ms** on average
- Developed a risk scoring algorithm (0–100 scale) using weighted factors like URL patterns, DOM analysis, and brand impersonation
- Implemented real-time threat assessment with visual risk indicators, blocking sites exceeding a 60% threat threshold

Cloud Infrastructure Automation | AWS, Terraform, Node.js | [GITHUB](#)

- Orchestrated **auto-scaling distributed** systems handling 500+ concurrent connections **using Terraform and Node.js**
- Implemented comprehensive IaaS/PaaS monitoring with **CloudWatch** and proactive alerting, sustaining 95% uptime for high-traffic services
- Configured asynchronous messaging with **AWS SQS**, **processing 10K+ events**, enhancing system reliability and throughput

Community Connect | Java, Maven, Swing, Twilio API, MVC | [GITHUB](#)

- Developed a multi-tenant volunteer system using **Java 21**, **Maven**, Repository/Factory patterns, and **8-role RBAC**
- Integrated **Twilio SMS** with Observer pattern and thread-safe concurrency for real-time donations and volunteer scheduling
- Implemented **ACID** in-memory data management with **Java Collections + MVC** for reliable transactions and automated workflows