

YASH AGARWALLA

Software Engineer

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📍 Noida - India

in [Linkedin](#)

🐙 [Github](#)

[Leetcode](#)

EXPERIENCE

Associate Software Engineer

GlobalLogic

📅 Mar 2025 – Present

📍 Noida, India

- Automated sanity-testing defect reporting using **GitHub Actions**, **TestRail API**, and **REST APIs**, reducing manual effort by over **93%** from 8 hours to 30 minutes.
- Designed a **pending-booking identification flow** using **Java**, **Spring Boot**, and **REST APIs**, propagating a persistent UUID across booking APIs to distinguish pending and continued bookings.
- Eliminated the need for a separate **pending-booking store**, reducing **database lookup overhead** and simplifying state management through persistent UUID-based identification.
- Developed an internal UI validation tool using **TypeScript**, **HTML**, and **CSS** to automatically detect font and color inconsistencies across application screens, reducing manual verification effort by **80%**.
- Identified and resolved performance issues across **REST APIs** and **React UI**, collaborating with the team to optimize application performance and improve **SLA adherence by 20%**.
- Diagnosed and resolved application issues across **React frontend** and **Spring Boot backend**, using **API debugging**, logs, and root-cause analysis to improve application stability.
- Contributed to a full-stack enterprise application using **domain-adaptor backend** and **micro-frontends architecture**, delivering bug fixes and feature enhancements across multiple application modules.

ACHIEVEMENTS

- Achieved a maximum rating of **1704** on [Leetcode](#).
- Solved **400+ problems** across various coding platforms and earned a **3-Star rating** on [GeeksforGeeks](#), with a highest rating of **1788**.
- Received the **Spot Award twice** at **GlobalLogic** for driving two initiatives from **POC to actionable results** and delivering meaningful impact.
- Ranked in the **top 0.33% (229 out of 68,852)** in the **Unstop Talent Park – Tech 2024** coding challenge.

TECHNICAL SKILLS

Languages: C, C++, Java, JavaScript, SQL

Backend: Node.js, Express.js, Spring Boot, REST APIs

Frontend: HTML, CSS, JavaScript, TypeScript, React

Databases: MongoDB, PostgreSQL

Tools/ Cloud: Git, GitHub, Postman, AWS, GCP

Core Concepts: DSA, OOP, DBMS

EDUCATION

National Institute of Technology Silchar

B.Tech. (ECE) – 7.95 CGPA

📅 2021 – 2025

📍 Silchar, Assam

Hindustani Kendriya Vidyalaya

Higher Secondary – 85%

📅 2021

📍 Guwahati, Assam

Delhi Public School Guwahati

Secondary – 97%

📅 2019

📍 Guwahati, Assam

PROJECTS

Brainwave Labs: Project Management Platform [Video Demo](#)

- **Spring Boot | PostgreSQL | React | AWS**
- Developed a full-stack project management platform with **role-based admin and investigator consoles**, enabling project creation, task assignment, file uploads, and approval workflows.
- Built **React** frontends and **Spring Boot REST APIs** backed by **PostgreSQL**, supporting project and task management workflows.
- Designed a **PostgreSQL** data model using **JPA/Hibernate** with secure authentication using **JWT** tokens and **bcrypt** password hashing.
- Deployed on **AWS** using **EC2** for APIs, **RDS PostgreSQL** for storage, and **S3** for hosting **React** applications. [GitHub](#)

FileWizard

- **Node.js | Express | React | Gemini API | GCP**
- Built an AI-powered file conversion platform on **WhatsApp** and **React**, enabling conversational document conversion without complex upload workflows.
- Orchestrated asynchronous workflows using **Zamzar API**, **Google Cloud Storage**, and **Gemini API** to process uploaded media and deliver signed download links. [GitHub](#)

LinkedIn Scraper

- **Node.js | Express | PostgreSQL | JavaScript**
- Designed a **LinkedIn automation tool** using **JavaScript**, **Node.js**, and **Express** to streamline profile data scraping.
- Integrated **PostgreSQL** and packaged the tool as a **Chrome extension**, enabling **one-click extraction and storage** of profile data. [GitHub](#)