

# Hitarth Anand Rohra

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Final year student with proven expertise in software technologies. Consistently delivers high-impact projects through software design, effective collaboration, and technical leadership, driving team efficiency and product excellence.

## SKILLS

**Programming Languages:** Java, C, C++, Python, JavaScript, TypeScript, PL/SQL, MySQL, Postgres  
**Technologies & Tools:** TCP/IP, AngularJS, ReactJS, Node.js, REST APIs, Go, HTML, CSS, Maven, **Spring Boot, Kafka, Grafana, SonarQube**, MongoDB, **Continuous Integration / Continuous Development**, Azure, **Unit/Component Testing, Docker**, Git, GitHub Actions, **Kubernetes**, Unix/Linux, **Distributed Systems, Agile Development, Software Development Life Cycle (SDLC), Object Oriented Programming**

## WORK EXPERIENCE

**Software Engineer Intern, [Link](#)** Pune, Maharashtra  
May 2024 – July 2024  
Schlumberger (SLB)

- Collaborated with an **8-member cross-functional team** to optimize microservices .
- Demonstrated proficiency in DevOps practices and Agile methodologies, accelerating project delivery by 20%
- **Designed a quality control scoring system**, improving system performance by 20% and enhancing data accuracy by 15%.
- Implemented **scalable microservices** in a **distributed computing** environment, enhancing overall system performance.
- Integrated **QA testing protocols, CI/CD pipelines** and **Jenkins** to automate the deployment process.
- Reduced deployment time by 30% and improved team delivery efficiency by 25%.
- Gained hands-on **experience with Kubernetes, Docker, and microservices**.

**FrontEnd Developer, [Link](#)** Remote  
Dec 2023 – Apr 2024  
Drupal

- **Refactored Claro's file stylesheet**, migrating **100+ CSS logical properties** to modern standards.
- Improved **cross-browser compatibility** by 25% and enhanced **system performance by reducing rendering time by 15%**.
- Collaborated with **Google Summer of Code (GSoC) contributors**, ensuring high code quality and alignment with **user needs**.
- Streamlined processes and enhanced system performance, improving **cross-team collaboration** in a globally distributed environment.

**Full Stack Developer, [Link](#)** Kollam, Kerala  
Oct 2021 – Nov 2023  
Team bi0s

- **Built interactive web applications and dashboards for 15+ clients**, integrating React.js frontends with Node.js backends.
- **Streamlined project delivery by 25%** using Agile practices and optimized CI/CD pipelines.
- **Managed databases efficiently** with MongoDB and Postgres to improve system reliability.
- **Developed REST APIs** to integrate microservices, enhancing data accessibility and system performance.

## EDUCATION

**Amrita Vishwa Vidyapeetham, [Link](#)** Kollam, Kerala  
2021 - 2025  
Bachelor of Technology

Major in Electronics and Computer Engineering

**Cumulative GPA:** 9.65/10

**Relevant Coursework:** Software Engineering, Operating System, Database Management Systems, Data Structures and Algorithms, Distributed Systems, Machine Learning, Artificial Intelligence, Full Stack Web Development, Android Application Development

## PROJECTS

**Quality Control Score Calculation with Quality Control Score Weightage, SLB - Private, [Link](#)**

- Built a system to assign custom weights to quality control rules, resulting in a 16% improved data accuracy and 12% error reduction.
- Applied **Agile practices** for scalable development and deployment, decreasing project delivery time by 23%.
- Automated testing and deployment with **JEST** and **SonarQube**, ensuring high code quality and reducing bugs by 37%.
- Worked with tech stack of Angular, Java/Spring Boot, MongoDB, and Kubernetes

**Secure Payment and Ticketing System for Vidhut TechFest at Amrita Vishwa Vidyapeetham, [Link](#)**

- Engineered a secure, high-traffic **payment gateway and authentication system** facilitating over 5,000 seamless transactions..
- Developed **dashboard analytics** for generated revenue from multiple micro platforms.

**NaviG, Seamless Wayfinding App, [Available on Play Store](#)**

- Designed and launched a mobile application for Vidhut 2023, facilitating **seamless navigation to across 50+ events** at the field.
- Integrated an **interactive campus map with event reminders**, helping over 3,000 participants locate venues simultaneously.

**AutoValuePro, Vehicle Valuation Wizard, [Link](#)**

- Developed a **web application** using **machine learning algorithms**, predicting car prices with **90% accuracy** across over 1000 vehicles.
- **Enhanced operational efficiency** by 20%, allowing users to **generate valuation reports 30% faster**, improving overall user engagement.

## PUBLICATIONS

**IEEE Publication - An Improved Cross Layer Design For TCP/IP Optimization With Flow Control and Acknowledgment Aggregation, [Link](#)**: A technique for improving TCP performance by decreasing packet losses through flow control and Adaptive Modulation Coding.

## ADDITIONALS

**Awards:** Won the First Runner-Up Prize **Hardware Security CTF**, Nullcon 2022.

**Soft Skills:** Innovative, Communicative, Research-Oriented, Productive.

**Hobbies:** Filmography & Photography, Writing & Blogging, Music & Piano, Badminton, Football.