YASHITH CHANDEEPA

Fullstack Software Engineer Intern | Undergraduate

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Portfolio : https://yashith-chandeepa.vercel.app/
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Professional Summary

Software Engineering undergraduate and Full-Stack Software Engineer Intern with experience in React, Next.js, React Native (Expo), Node.js, NestJS, and Spring Boot. Skilled in REST API development, PostgreSQL and MongoDB, and software testing including manual, API, and automation testing with Selenium and Appium. Familiar with Docker, CI/CD pipelines, Agile development, and building scalable, reliable systems through real-world projects.

Experience

Intern Software Engineer & QA | Glamer Media | Sept 2025 - Feb 2026

- Supported full-stack and mobile application development using Expo (React Native), PostgreSQL, and NestJS.
- Performed manual, regression, and API testing to ensure application quality and functional accuracy.
- Automated web and mobile test cases using Selenium and Appium to improve testing efficiency.
- Collaborated with developers using Git-based workflows in an Agile development environment.

Education

BEng (Hons) Software Engineering (2023 - 2027)
University of Westminster – IIT
Relevant Modules: Python, Java, Object Oriented Programming(OOP), Web Development, Database Systems, Agile Software Development, Data Structures & Algorithms, PHP Server-Side Programming

GCE. A/Levels – Physical Science (2022/2023)
St. Aloysius College Galle (2009 – 2023)
- Chemistry – C | Combined Mathematics – S | Physics – S

GCE. O/Levels (2019)
- Achieved 8 A's and 1 B

Technical Skills:

- **Languages :** JavaScript, TypeScript, Python, Java
- **Frontend:** HTML5, CSS3, React.js, Next.js, Figma, Tailwind CSS, Responsive Web Design
- **Backend:** Node.js, Express.js, Spring Boot, NestJS, RESTful APIs
- **Databases:** PostgreSQL, MongoDB, MySQL, Firebase, Supabase, SQLite
- **Tools & DevOps:** Git, GitHub, Postman, Docker, CI/CD (GitHub Actions), JWT, Vercel
- **Quality Assurance:** Manual Testing, Regression Testing, API Testing (Postman), Automation Testing (Selenium, Appium), Debugging , Unit Testing
- **Other**: Object-Oriented Programming (OOP), Clean Code, API Integration, Agile/Scrum Methodologies, Unit Testing, Performance Optimization

Soft Skills:

- Problem-solving & analytical thinking
- Fast learner, adaptable to new technologies
- Team collaboration & effective communication
- Creative and innovative mindset

Projects

1. AI Recruiter Voice Agent - Jan 2026   : https://ai-recruiterapp.vercel.app/ : Github Link
Tools: Next.js, React, Vapi.ai, Supabase, Large Language Models (LLMs), Jest, GitHub Actions, Vercel, Tailwind CSS

- Developed a voice-driven AI recruitment platform enabling real-time, low-latency interviews using Vapi.ai with GPT-3.5-Turbo for conversational interaction.
- Implemented adaptive AI-driven question generation and interview analysis, leveraging Llama-3 (70B) with multi-provider fallback support, including Gemini, to ensure reliability and continuity.
- Integrated Supabase for secure authentication and data persistence, and improved stability through automated testing (Jest) and CI/CD pipelines using GitHub Actions and Vercel.

2. Korean Support - Feb 2026 : https://github.com/yashith03/Korean-Support
Tools: React Native (Expo), Supabase (Auth & PostgreSQL), TypeScript, NativeWind (Tailwind CSS)

- Built a React Native mobile app to help South Asian users prepare for the EPS-TOPIK Korean listening exam required for the E-9 work visa.
- Delivered 300+ Korean audio lessons with multilingual translations (English, Sinhala, Tamil, Hindi, Bengali) and high-quality audio playback.
- Implemented a secure Supabase backend with PostgreSQL triggers, RLS, and tested deployment via EAS.

3. Real-Time Event Ticketing System - Dec 2024: https://real-time-event-ticketing-system-jet.vercel.app/ : Github Link
Tools: Spring Boot, React, MongoDB, Java (CLI), Docker, Docker Compose, Recharts

- Developed an end-to-end real-time ticketing platform with a Spring Boot REST API and a React dashboard to manage concurrent ticket releases and bookings.
- Implemented thread-safe concurrency control using Java multi-threading, ReentrantLocks, and Conditions, ensuring consistent ticket allocation under high-load scenarios.
- Integrated MongoDB for persistent transaction logging and deployed the full stack using Docker Compose for reliable, one-command environment setup.

4. Task Manager App - Aug 2025 : https://task-manager001.vercel.app/ : Github Link
Tools: React (Vite), Node.js (Express), Prisma ORM, PostgreSQL, Docker, Tailwind CSS, Jest, Vercel

- Built a high-performance offline-first task management application that functions without backend connectivity, using local storage as the primary data source and synchronizing to PostgreSQL when online.
- Designed a robust full-stack architecture with Node.js and Prisma, featuring background sync with optimistic UI updates, priority-based filtering, automated testing with Jest, and Docker-based deployment.

 # For more : https://yashith-chandeepa.vercel.app/

Certifications & Online Courses

- Node.js & Express Essentials – LinkedIn Learning
- Hands-On Introduction to React – LinkedIn Learning
- React Development – LinkedIn Learning
- Expo React Native Developemnt – LinkedIn Learning
- Spring Boot Fundamentals – LinkedIn Learning
- Docker Essentials – LinkedIn Learning
- Selenium Automation – LinkedIn Learning
- Appium Mobile Automation Testing – LinkedIn Learning

Extracurricular Activities

- Member and Volunteer – IEEE Student Branch, IIT

Hackathons and Coding Competitions:

- Participated in multiple national and international hackathons including **IEEEXtreme,** university-level coding challenges, and mini hackathons, demonstrating teamwork, problem-solving, and programming skills under pressure.

References

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