

YASHITH CHANDEEPA

Fullstack Software Engineer Intern | Undergraduate

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Professional Summary

Software Engineering undergraduate specializing in full-stack development and scalable software solutions, with hands-on experience in MERN stack, Java, Python, Spring Boot, and NestJS. Skilled in backend and frontend system design, API integration and QA practices to ensure efficiency and accuracy. Currently expanding expertise in Next.js, Artificial Intelligence and Machine Learning to build intelligent, data-driven solutions, and passionate about leveraging these technologies to deliver efficient systems while continuously learning through real-world projects and industry experience.

Experience

Part-Time Software Engineering Intern | Glamer Media | Sept 2025 – Present

- Supporting frontend and backend development with React.js and Node.js.
 - Assisting in debugging, testing, and performance optimization.
 - Collaborating with engineers using Git workflows and Agile practices.
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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
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Technical Skills:

- **Languages :** JavaScript, Python, Java, TypeScript, PHP (basic)
- **Frontend:** HTML5, CSS3, JavaScript, React.js, Next.js, Angular, Tailwind CSS, Responsive Web Design
- **Backend:** Node.js, Express.js, Spring Boot, NestJS, REST APIs
- **Databases:** MongoDB, MySQL, Firebase, PostgreSQL, SQLite
- **Tools & DevOps:** Git, GitHub, Postman, Docker, Figma, JWT
- **Quality Assurance:** Manual Testing, Debugging, API Testing (Postman), Automation Tools (beginner)
- **Other:** Object-Oriented Programming (OOP), Clean code, Debugging, API integration, Agile/Scrum practices, Unit Testing, Performance Optimization

Soft Skills:

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

1. AI Recruiter Voice Agent (Group Project—Ongoing)

(Next.js, React, Vapi.ai, Supabase, Gemini)

- Developing a voice-driven AI recruiter that automates job interviews through real-time voice interactions.
- Dynamically generates AI-driven questions and securely stores candidate data to streamline repetitive workflows.

2. FashionFlex—MERN Stack eCommerce Platform—Ongoing

(MongoDB, Express.js, React.js, Node.js, Stripe)

- Building a scalable eCommerce system with product filtering, an admin dashboard, and Stripe payment integration.
- Simulated logistics and inventory workflows for efficient order management.

3. Task Manager App — Aug 2025

(React, Node.js, Prisma, PostgreSQL, Docker)

- Full-stack task management system with CRUD, filtering, dark mode, and responsive UI using Tailwind CSS.
- Implemented unit & integration testing and deployed with Docker + Docker Compose for containerized orchestration.

4. AI Article Summarizer with Gemini —May 2025

(JavaScript, JSON, HTML, CSS)

- Developed a Chrome extension using JavaScript and Gemini API to summarize web content with real-time parsing and secure token management.

5. Real-Time Event Ticketing System – Dec 2024

(Spring Boot, React.js, MongoDB, Java, Docker)

- Designed an end-to-end event management platform with REST APIs, multi-threaded concurrency, and live ticket reservations.
- Integrated MongoDB persistence and deployed via Docker Compose with a responsive React dashboard.

6. Airplane Seat Management System – Apr 2024

(Java)

- Developed a console-based seat reservation system applying OOP principles.
- Improved reliability through encapsulation and input validation.

7. Progression Outcomes Predictor – Nov 2023

(Python)

- Created a CLI tool to forecast academic performance using conditional logic.
- Supported data-driven decision-making with predictive analytics.

Certifications

- Node.js & Express Essentials – LinkedIn Learning
- Hands-On Introduction to React – LinkedIn Learning
- Angular Development – LinkedIn Learning
- Spring Boot Fundamentals – LinkedIn Learning
- Docker Essentials – LinkedIn Learning
- Software Testing – LinkedIn Learning
- Test Automation – LinkedIn Learning
- API Testing – LinkedIn Learning

Extracurricular Activities

- Member and Volunteer – IEEE Student Branch, IIT

Hackathons and Coding Competitions:

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

References

Thilina Dilanka Jayasuriya

Software Engineer at Docupath AI

Visiting Lecturer at IIT

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Suresh Peiris

Co-Founder at Inforwaves

Community Lead at GDG Sri Lanka

Visiting Lecturer at IIT

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