Gavaskar Ganeshalingam

Computer Science Intern

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Linkedin Profile
GitHub Profile

EDUCATION

Bachelor of Science in Computer Science, Trincomalee Campus, Eastern University of Sri Lanka   2023 — Present
Current GPA: 3.69 / 4.0   Expected Graduation: 2027

PROJECTS

Book Store Web Application (MERN Stack)
- Developed a full-stack CRUD-based book management application with user authentication.
- Implemented REST APIs for backend and responsive front-end using React.js.

Responsive Job Portal Website (MERN Stack)
- Built a full-stack job portal with job filtering, pagination, and secure authentication (email, password, Google OAuth).
- Enabled users to post and manage listings; developed a responsive UI with React.js and Tailwind CSS.

WhatsApp Redesign (UI/UX Project)
- Redesigned WhatsApp interface with features like message scheduling, anonymous polling and more
- Applied HCI principles, conducted user validation, and delivered prototypes and reports.

Medicinal Plant Identification System for Siddha Medicine Students (Final Year Project, Ongoing)
- Building a containerized microservices app for identifying medicinal plants with multilingual info and traditional uses.
- Uses ML models for recognition and provides a full-stack web interface with API-based communication.

Additional Projects
- 3D Website Frontend: Developed an interactive 3D web experience using React and Spline Design.
- UI/UX Design Projects: Created multiple app and website prototypes with Figma, including user testing and wireframing

EXPERIENCE

YGC Startup Challenge – Team TriSolution (Finalist)   **2025**
- Participated as a finalist in the YGC Startup Challenge 2025, presenting the UNIGO app idea.
- Refined pitch, prototype, and business model with team collaboration.

SKILLS

Programming	C++, Java, SQL, PHP
Frameworks & Libraries	React.js, Node.js, Express.js, MongoDB
Web Development	HTML5, CSS3, Bootstrap, Tailwind CSS
UI/UX Tools	Figma, Wireframing, Prototyping, Usability Testing
DevOps & Tools	Linux, Git/GitHub, Docker, Kubernetes, Infrastructure as Code (IaC), VS Code

RELEVANT COURSEWORK

Data Structures and Algorithms, Database Management Systems, Computer Networks, Software Engineering, Human–Computer Interaction, Object Oriented Programming

CERTIFICATIONS & COURSES

- Linux Systems Administration & DevOps Engineering (6-month course, ongoing) Provider: WSO2
- SQL Basics – HackerRank (May 2024)
- Java Basics – HackerRank (May 2024)

ACHIEVEMENTS & ACTIVITIES

- Finalist, YGC Startup Challenge 2025
- Maintained a GPA of 3.69 / 4.0
- Participant KDU UI/UX Competition 2025
- Participant HackX 10.0 Competition (UOK)

SOFT SKILLS

Creativity and Design Thinking,Problem Solving, Team Collaboration,Leadership, Time Management