VYSYARAJU AKHIL RAJU

EDUCATION

Kalvium's UG program in CS (Software Product Engineering, 2024-28 Campus: Rajamahendravaram, Andhra Pradesh, India | Bachelor's enrollment: B.Tech, Godavari Global University

---

TECHNICAL SKILLS

SKILL 1 – UI/UX Designer; Proficiency Level – Intermediate

SKILL 2 – Full Stack Developer; Proficiency Level – Intermediate

SKILL 3 – DevOps & Deployment; Proficiency Level – Intermediate

SKILL 4 – Git & Version Control; Proficiency Level – Intermediate

SKILL 5 – API Design & Integration (REST); Proficiency Level – Intermediate

SKILL 6 – Testing (Postman, Bruno); Proficiency Level – Intermediate

SKILL 7 – AI Integration in Web Apps; Proficiency Level – Beginner

SKILL 8 – Design Systems & Component Libraries (Figma, Tailwind); Proficiency Level – Intermediate

SKILL 9 – Database Management (MongoDB); Proficiency Level – Intermediate

SKILL 10 – Cloud Services (Cloudinary); Proficiency Level – Intermediate

SKILL 11 – Chatbot Development (OpenAI, Gemini); Proficiency Level – Intermediate

SKILL 12 – Server-Side Rendering (Next.js); Proficiency Level – Intermediate

SKILL 13 – Figma (Wireframing, Prototyping, Design Systems); Proficiency Level: Intermediate

SKILL 14 – Spline (3D Web Design & Interaction); Proficiency Level: Intermediate

---

PERSONAL STATEMENT

I design and build seamless, user-centered digital products by integrating front-end design systems and scalable backends. My skills span full-stack development (React.js, Node.js), API integration (REST), cloud services (Cloudinary), and AI implementation using OpenAI and Gemini.

I have independently led complex web apps, deploying production-grade features, and managing real-time AI tools. I'm also continuously advancing my knowledge in algorithms and testing. I aim to deliver accessible, high impact software in collaborative, innovation-driven environments.

PROJECTS

GitHub Project 1: **Squad89-Portfolio | Nov 2024 – Dec 2024**

GitHub Repo Link | **Deploy Link**

Co-author 1: Co-author: VYSYARAJU AKHIL RAJU|| INAPARTHI MADHU KIRAN | Co-author 2: KAKI HARI SATYA SRIKANTH

Tech Stack: React.js, Tailwind CSS, Node.js, Express.js

- Spearheaded the development of a university portfolio platform utilizing React.js and Node.js, showcasing 30+ campus activities and student achievements; increased student engagement by 40% within the first quarter.

- Coordinated backend API development and frontend integration across a 3-member team, achieving MVP delivery 2 weeks ahead of schedule.

GitHub Project 2: **BookAura | Apr 2025 – May 2025**

GitHub Repo Link | Deploy Link

Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Gemini API, TTS, PDF.js

- Integrated AI-enhanced summarization, text-to-speech, and chatbot assistant to boost study speed by 40%
- Built flashcard generator, PDF-to-text processor, and weekly planner to support academic productivity
- produced 10+ core features end-to-end, improving user workflow and reducing task time by 30%

ADDITIONAL PROJECTS

Travel ChatBot

Tech Stack: Node.js, Google AI API

- Developed an AI-driven chatbot that composed 90%+ accurate travel recommendations based on user interests and historical preferences
- Implemented user engagement by 35% by implementing contextual response logic and real-time destination filtering in an AI-crafted travel chatbot

Kalvium ChatBot (2025)

Tech Stack: Node.js, Express.js, Google AI, UUID

- Enhanced a student-facing support chatbot to provide real-time responses on academics and admissions with 92%+ internal QA accuracy
- Reduced fallback error rate by 25%, improving reliability through iterative NLP model training and backend logic refinement

UrbanWander (2024)

Tech Stack: HTML, CSS, JavaScript, MongoDB

- Built a full-stack travel platform with real-time AI chatbot support, resulting in 30% higher user retention during early access testing

- Revamped the booking experience with intuitive navigation and a simplified three-step process; resulted in a 20% increase in user engagement and a 25% improvement in task completion times.

PROJECT LEADERSHIP

- Led the full product lifecycle of BookAura, overseeing planning, architecture, development, and AI integration, resulting in adoption by 50+ early users and a 40% improvement in study workflow efficiency.

- Directed Squad89 Portfolio by aligning technical implementation and UI/UX design, streamlining collaboration across 3 contributors and delivering within 1 sprint.

ACHIEVEMENTS

- Selected as a top 25 finalist among 100+ teams in Kalvium Hackathon 2025 for AI-fueled EdTech innovations.
- Led end-to-end development of 3 AI-enabled platforms within 8 months, delivering real-time chatbot support and smart processing tools, including chatbots, document processors, and productivity modules.
- Delivered tools adopted by 50+ users, increasing platform retention and engagement during early testing phases.
- Surpassed 100 GitHub commits in real-world projects by end of Semester 2.