

MADHANKUMAR C

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🌐 [LinkedIn](#)

🐙 [GitHub](#)

📁 [Portfolio](#)

Summary

Full-Stack Developer with strong foundation in building scalable web and mobile solutions with React, Flutter and Firebase. Skilled in Game Development, 3D Modeling and UI/UX Design.

Education

Kongu Engineering College

Bachelor of Engineering in Computer Science and Design (GPA: 8.09 / 10.00)

Expected May 2027

Erode, Tamil Nadu

Projects

PATLOCKER – Parental Control App 📱 | Flutter, Firebase

Mar 2024

- Engineered a parental control app with screen-time tracking, app blocking, and real-time monitoring, enabling parents to regulate child device usage effectively.
- Integrated Firebase authentication & synchronized parent-child activity, ensuring reliable real-time data flow.

PATHXPLORE – Job Finder App 📱 | Flutter, Firebase

Aug 2024

- Built a job-finder mobile app connecting students with internships, jobs, and skill-based courses, streamlining career opportunities.
- Designed dynamic job pages with detailed descriptions, company insights, and eligibility filters.
- Optimized Firebase database queries, enhancing data retrieval speed and boosting load efficiency by 20%.

SKILLZILLA – Resume–Job Matcher Web App 📱 | Next.js, Ollama API, Llama 3

Apr 2025

- Developed ATS-style resume analysis tool with 30% better parsing accuracy.
- Structured JSON output for ATS-style analysis & chatbot sidebar for guidance.

Hostel Management System Web App 📱 | Python, MySQL, HTML, CSS

Apr 2025

- Centralized hostel operations by architecting a full-stack website featuring student allocation & fee tracking, reducing warden workload by 6+ hrs.
- Designed intuitive role-based dashboards for admins and students, improving usability and operational efficiency.

Certifications

- Oracle – APEX Cloud Developer Certified Professional 📜
- HackerRank – Python Skill Verified 📜

Achievements

- 2nd prize – Website Development, Bannari Amman Institute of Technology, Erode.
- 3rd prize - Website Development, Sri Sairam Engineering College, Chennai.
- Leetcode - 200+ problems solved (Java, C, Python), 100-Day Streak, July LeetCode Challenge Winner
- Published Research Paper – Supply chain management using Machine Learning, International Conference on Advanced Computing (ICRTAC-2024), AICTE Proceedings (Sep 2024)
- Member - CSD Coding Club

Skills

Languages: Java, Python, C, C#, SQL, HTML, CSS, JavaScript, PHP

Technologies: React.js, Next.js, Node.js, MySQL, Flutter, Firebase, Spring Boot, TailwindCSS

Domain Expertise: Web Development, Mobile App Development, Game Development, 3D Design, UI/UX Design, AI&ML

Tools: VS Code, Android Studio, Git, GitHub, Figma, Blender, Unity

Concepts: OOPS, Operating Systems, Virtual Memory, APIs, Agile, Cloud Computing, Machine Learning, Blockchain

Soft Skills: Problem Solving, Communication, Leadership, Teamwork, Time Management