

# Parthiv Pradeep

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## Career Objective

Aspiring Full-Stack Developer with a keen interest in Artificial Intelligence, skilled in MERN stack development, passionate about building scalable web applications and exploring innovative AI solutions. Quick learner and diligent professional ready to contribute effectively in challenging environments.

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## Education

### Bachelor of Technology in Computer Science and Engineering

APJ Abdul Kalam Technological University, Kerala | 2021 – 2025

- Relevant Coursework: Data Structures, Algorithms, Operating Systems, Database Management Systems, Computer Networks
  - Programming Skills: JavaScript (advanced), Python (intermediate), Java (basic), C (basic)
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## Technical Skills

- **Web Development:** MERN (MongoDB, Express.js, React.js, Node.js), Next.js, HTML, CSS, Tailwind CSS, JavaScript, WebSockets
  - **AI & Machine Learning:** RAG, Python libraries (NumPy, Pandas), Prompt Engineering
  - **Design & Prototyping:** Figma
  - **Digital Marketing:** Meta Ads, Google Ads
  - **Databases:** MongoDB, SQL
  - **Cloud & Deployment:** GCP, Git, GitHub, Heroku, Vercel, AWS (basic familiarity)
  - **CMS & Tools:** Wix, WordPress
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## Professional Experience

### Full Stack & AI Engineer | Deep Blue Research Pvt Ltd

2025 – 2026

- Contributed to developing AI-powered solutions using Retrieval-Augmented Generation (RAG).
- Built and optimized Next.js applications with seamless UI/UX integration.
- Designed prototypes and workflows using Figma to collaborate with cross-functional teams.
- Deployed applications on Google Cloud Platform (GCP) ensuring scalability and performance.
- Executed Meta Ads campaigns to support product growth and marketing initiatives.
- Gained hands-on experience working in a fast-paced startup environment, wearing multiple hats across development, design, and deployment.

**Full Stack Developer Intern** | Edunet (AICTE + EY), Ernakulam  
Jan – Feb 2024

- Completed an intensive 6-week internship focused on MERN stack
- Developed full-stack applications, employing modern JavaScript frameworks and RESTful API design

**Freelance Web Developer** | Self-employed, Ernakulam  
2022 – Present

- Successfully delivered over 7+ commercial projects with responsive web design, performance optimization, and user-centric UI/UX principles
- Developed custom CMS solutions tailored for small to medium businesses

**Medical Software Developer** | PALS, Ernakulam  
2022

- Customized OpenEMR software specifically tailored for VKM Special School
- Implemented efficient patient and medical record management systems

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## Key Projects

**GST RAG Chatbot** | RAG, Python, Next.js, GCP (2025)

- Built a Retrieval-Augmented Generation (RAG) chatbot to assist users with GST-related queries.
- Integrated Next.js frontend with backend pipelines for intelligent document retrieval and response generation.
- Deployed on Google Cloud Platform (GCP) ensuring scalability and security.
- Designed intuitive workflows in Figma, focusing on a user-friendly conversational experience.

**Xlevr – Student Freelance Platform** | MERN Stack, JWT Authentication (2025)

- Designed and developed a full-stack platform facilitating project posting, bidding systems, and user profile management

**OpenEMR Customization** | PHP, MySQL (2022)

- Customized a patient management system meeting specific operational needs of VKM Special School

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## Certifications

- MERN Stack Certification – CodeMastery (Comprehensive MERN stack development training)

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## Personal Traits

- Quick Learner | Hardworking | Collaborative | Problem Solver | Detail-Oriented