

DEVIPRASAD RAI P

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Backend-focused Full-Stack Engineer with 2+ years building and scaling production REST APIs and AI-integrated features for enterprise platforms. Experienced owning system architecture end-to-end — schema design, auth, and mobile client integration — and leading small engineering teams. Strong Node.js/TypeScript backend fundamentals paired with hands-on LLM/conversational-AI integration experience.

EXPERIENCE

Software Development Engineer — CCTech

Jul 2025 – Present

- Owned end-to-end system architecture for an AI-integrated appointment scheduling platform, leading a team of 3 engineers from design through production release.
- Built and scaled secure REST APIs with Node.js, Express.js, MySQL, and Sequelize ORM, handling authentication and session management via Firebase.
- Designed role-based authorization and optimized relational database schemas to improve backend query performance and reliability under production load.
- Integrated LLM-driven features — smart appointment recommendations and automated response generation — directly into the product's core user flow, reducing manual scheduling effort.
- Built the companion Android application in React Native with Redux for state management and AsyncStorage for offline-capable persistence.

Software Development Engineer — Streebo

Jan 2024 – Feb 2025

- Developed AI-driven multi-channel chatbot systems (Voice, SMS, WhatsApp, Email, Facebook) using Node.js, Python, and MongoDB, deployed for enterprise clients including Panda Restaurant Group, North American Lighting, and City of Markham.
- Designed conversational flow architecture and built automated data-crawling pipelines to train and improve NLP/cognitive search accuracy.
- Integrated third-party APIs and GPT-based interaction layers behind clean service abstractions; deployed and maintained systems in production using Jenkins, GitLab, RetellAI, ElevenLabs, and Twilio.

Application Developer Intern — Accolade Tech Solutions

2023

- Designed "Canteen Connect," an Android food-ordering app, with a companion web admin panel for real-time menu, order, and user management.

Web Developer Intern — Klientship Technologies

2023

- Built responsive, SEO-optimized client websites using React.js, WordPress, and Shopify for clients including Diamond Books, ANS Lifestyles, Azeem Oud, and Brokekicks.

SKILLS

Backend & APIs: Node.js, Express.js, TypeScript, JavaScript, REST API Design, C#, ASP.NET Core, PHP, Python, C/C++

Data & Infra: MySQL, MongoDB, Redis, Firebase, Azure Cloud, AWS, Azure DevOps, Git, GitHub, GitLab

Frontend & Mobile: React.js, React Native, Tailwind CSS, Bootstrap

AI / NLP: OpenAI API, Amazon Lex, IBM Watson, Chatbot Development, NLP, Conversational Design

PROJECTS

VEGSHELL | *React.js, Node.js, MongoDB, Tailwind CSS, React Native, Figma*

- Built a dual-portal marketplace giving farmers direct access to buyers, equipment/land rentals, and educational content — addressing a real market-access gap.

INFOSTORE | *MongoDB, Express.js, React.js, Node.js, Passport.js, Tailwind CSS*

- Built a secure MERN-stack application for storing and managing sensitive documents and credentials, with Passport.js-based authentication.

EDUCATION

B.E. in Computer Science and Engineering — A.J. Institute of Engineering and Technology

Dec 2020 – Jun 2024 | CGPA: 8.44

LEADERSHIP & ACHIEVEMENTS

- Cloud Lead, GDSC; 5-Star HackerRank (C++, Algorithms); Hacktoberfest Contributor.
- 1st Runner-up, IFERP National Competition & Fusion-Techathon; Winner (Agriculture), Smart Nitte Hackathon.