

IMMANUVEL B

Junior Software Developer

CONTACTS

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PROFESSIONAL SUMMARY

Innovative Junior Full Stack Developer with experience in building scalable web applications using the **MERN stack** (MongoDB, Express, React, Node.js), **FastAPI** and cloud technologies. Proven track record of improving application performance by **30%** and enhancing user engagement through responsive UI design. Committed to Agile methodologies and delivering high-quality, end-to-end software solutions.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3, Java, Python
- **Frontend:** React, Redux, Next.js, Tailwind CSS, Reactnative, Shadcn
- **Backend:** Node.js, Express.js, FastAPI, RESTful APIs, GraphQL, OAuth 2.0
- **Databases & Cloud:** MongoDB, PostgreSQL, MySQL, Redis, Cloudinary, Supabase
- **DevOps & Testing:** Git, Docker, AWS (EC2, S3), Vercel, Playwright, Postman

WORK EXPERIENCE

Junior Full Stack Developer | Wedzat | Dec 2025 – Present

- **Optimized** backend API response times by **25%** by restructuring database queries in MongoDB and implementing a Redis caching layer.
- Accelerated frontend development by **30%** by converting Figma prototypes into **modular, reusable React components** for rapid deployment.
- **Developed** and deployed 5+ responsive features using **React** and **FastAPI**, resulting in a **15% increase** in mobile user retention.
- **Architected** a secure messaging system using **WebSocket** and **REST**, Reducing AWS Rate-limit by **40%**.
- **Collaborated** with a cross-functional team of 6 using Agile Scrum to deliver a major feature upgrade 2 weeks ahead of schedule.
- Took leadership and Ported All core features and logic to **Mobile** application using **react native**.

KEY PROJECTS

Kassandra – Personalised AI Assistant [rvimmandev.vercel.app/projects/kassandra]

- Built an AI chatbot using RAG and intent recognition, context-aware responses improving **Accuracy** by **95%**.
- Implemented TTS and STT features, enhancing conversation **engagement** by **20%**.
- Trained the chatbot for efficient learning from user interactions, reducing repetitive queries by **30%**.
- Achieved a **100% accessibility score** on Lighthouse by implementing semantic HTML and ARIA roles.
- **Tech Stack:** Next.js 15, Shadcn, Hugging face, VectorDB, Firebase, Typescript

EDUCATION

Bachelor of Engineering in Computer Science | Anna University | 2025

- **Relevant Coursework:** Data Structures & Algorithms, Python, Artificial Intelligence, Database Systems.

Diploma in Computer Engineering | Anna University | 2022

- **Relevant Coursework:** OOPs, Cloud Computing, Java, Web Programming, RDBMS.

CERTIFICATIONS

- **Machine Learning A-Z: Python, R**
- **UI/UX Designer – Growth School**