

Vishnu Sathwick

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OBJECTIVE

To obtain a software engineering role where I can apply my skills in backend development, full-stack engineering, and distributed systems to build scalable, reliable, and high-performance applications.

EDUCATION

- **Amrita Vishwa Vidyapeetham, Coimbatore** 2023–2027
B.Tech in Computer Science Engineering
- **Narayana Junior College** 2021–2023
Higher Secondary Education (MPC Stream)

SKILLS

Languages: Python, Java, JavaScript, C, SQL
Frontend: React.js, Next.js, Flutter
Backend: Node.js, Express.js, REST APIs, JWT, OAuth
Databases: MongoDB, PostgreSQL, MySQL, Firebase
Cloud/DevOps: Docker, GCP, Azure (Fundamentals)
Tools: Git, GitHub, Postman, VS Code, Linux
Core CS: DSA, OOP, System Design, Distributed Systems, Concurrency

PROJECTS

- **FlavorCart – Multi-Cuisine Food Ordering Web App** 
Built a responsive food ordering app with dynamic menus, cart sync, Google OAuth, and cloud-synced orders using Firebase.
 - Animated UI, sidebar profile, seamless cart persistence using Firestore + LocalStorage.
- **Furever Home — Flutter, Gemini AI** 
Pet adoption & service booking app with real-time feed, authentication, and AI-driven pet care guidance.
 - Added donations, volunteering, and learning modules to promote engagement and support animal welfare.
- **Event Booker — React, Firebase, Real-Time Ticketing** 
Real-time ticket booking platform with seat selection, distributed locks, and optimistic concurrency.
 - Achieved **99.99% consistency**, eliminating double-booking under high traffic.
- **OneStore — Flutter, Firebase, Gemini AI** 
Ecommerce app with AI features like voice search, shopping assistant, recommendations, and fit prediction.
 - Implemented secure payments, advanced cart, profile management, dark mode, and PDF invoicing.

CERTIFICATIONS

- **Introduction to Azure Cloud Services** — Microsoft
- **Core Java Certification** — Naresh i Technologies