Ramit Ramawtar Taparia

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ABOUT ME

Hi! I'm Ramit Taparia — an aspiring backend developer with a strong foundation in Python and Node.js. Passionate about building scalable APIs and efficient server-side systems. Currently focusing on expanding my knowledge in distributed systems and cloud technologies.

EDUCATION

Vellore Institute of Technology (VIT Bhopal)   Bhopal, IN
Integrated Master of Technology in Artificial Intelligence, Expected 2029   *September 2024 – 2029*

EXPERIENCE

Product Engineering Intern   March 2024 – Present
Viskk   *Remote*

- Built a WPF-based Windows app to reduce eye strain using the 20-20-20 rule.
- Implemented smart break timers, system tray controls, and idle detection.
- Set up CI/CD pipelines to automate build, testing, and release workflows.
- Designed and deployed a responsive landing page for the product to improve user onboarding.

PROJECTS

Short-Url | *Node.js, Express.js, MongoDB, JWT*   May 2025

- Developed a secure URL shortening service using Node.js, Express.js, and MongoDB.
- Implemented JWT-based authentication to protect API endpoints.
- Designed modular architecture with clear separation of concerns for routing, models, and controllers.
- Deployed the project on GitHub: Short-Url.

Fintech Club - Arcade Platform | *Node.js, Express.js, MongoDB*   Feb 2025

- Developed backend services using Node.js and Express.js, with MongoDB integration for persistent data storage.
- Implemented user authentication, payment handling, and bulk email services for streamlined registration.
- Collaborated with a cross-functional team to ensure scalable and maintainable code architecture.

QRTick - Ticket Creation script | *Python, MongoDB*   March 2025

- Developed a Python application to generate QR codes from user registration data.
- Implemented local storage of QR images and metadata management using MongoDB.
- Designed a modular codebase with separate utilities for database initialization and QR generation.

TECHNICAL SKILLS

Languages: JavaScript, Python
Frameworks: Node.js, Express.js, WPF
Tools/Platforms: Git, GitHub, MongoDB, Postman
CI/CD: GitHub Actions

ACTIVITIES

- Active member of the Fintech Club at VIT Bhopal. Member of the Technical Team, contributing to the development and optimization of digital solutions to enhance club initiatives and operations.