

VARTUL

Computer Science Student | Backend Developer

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EDUCATION

Bachelor of Technology in Computer Science
University of Petroleum and Energy Studies (UPES)
Expected Graduation: 2025

TECHNICAL SKILLS

Backend: Node.js, Express.js, MongoDB, PostgreSQL, Redis
Languages: JavaScript, TypeScript, Python, Java, C++
Tools: Docker, Git, AWS, Linux, Postman

PROJECTS

Personal Finance Assistant - MERN Stack

- â€¢ Built comprehensive financial management system
- â€¢ Implemented real-time expense tracking and budget planning
- â€¢ Created automated categorization and data visualization

API Gateway Service - Node.js, Express.js, Redis

- â€¢ Developed microservices gateway with rate limiting
- â€¢ Implemented JWT authentication and load balancing

Real-time Chat Engine - Socket.io, MongoDB

- â€¢ Built scalable messaging system with real-time features
- â€¢ Implemented chat rooms, DMs, and file sharing