

Vinod Sharma

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Education

Indian Institute of Technology Kharagpur <i>Bachelor of Technology in Civil Engineering (CGPA: 8.08 / 10)</i>	Jul 2019 - May 2024 Kharagpur, West Bengal
• Relevant Coursework: Data Structures and Algorithms (C++), Probability & Statistics , Linear Algebra	

Experience

ICICI Bank <i>SDE-1, Innovation Labs (GenAI Team), ICICI Bank</i>	Jul 2024 – Present Mumbai, Maharashtra
• Developed a Business requirement specifications document generator that automates the process of making BRS.	
Swish Club <i>Software Development Engineer Intern</i>	May 2023 – Aug 2023 Bengaluru, Karnataka
• Automated the process of uploading products on AWS Cloud Search and caching in Redis for an e-comm platform.	
Fatcat Innovations Pvt Ltd <i>Software Development Engineer Intern</i>	Dec 2022 – Jan 2023 Hyderabad, Telangana
• Implemented the students login auth as well as login with Google and Microsoft for the ERP based System	
• Designed database schemas and entity-relationship diagrams for college ERP system using PostgreSQL database	
• Wrote APIs using python flask framework to retrieve data based on dynamic queries as per front-end requirements	
• Developed an authentication middleware, significantly enhancing APIs security and ensuring protection of APIs	

Hackathons/Projects

Financial Doc Summarizer Python, FastAPI, Docker	[GitHub]
• Built an AI-powered summarizer to extract key insights from financial PDFs (quarterly results, earnings calls, presentations, press releases).	
MCP Platform Python, FastAPI, Docker, MongoDB, REST	[GitHub]
• Built an MCP platform where users can either create and deploy custom MCP tools on Docker or use pre-deployed tools directly through a chat interface.	
Competitions/Conference	
Rating	
• Actively participated in weekly contests and achieved rating over 1650+ on Leetcode (Handle: Vinodsharma123)	
• Achieved rating over 1200+ on the competitive programming platform Codeforces (Handle: 052000vinodsharma)	