Hitesh Changrani

Master of Computer Applications | IET Lucknow
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EDUCATION

MASTER OF COMPUTER APPLICATIONS

Institute of Engineering and Technology, Lucknow
October 2023 - June 2025
CGPA: 8.5/10

BACHELOR OF COMPUTER APPLICATIONS

Chhatrapati Shahu Ji Maharaj University, Kanpur
August 2019 - June 2022
CGPA: 7.0/10

PROFILE

GitHub: hiteshchangrani
LinkedIn: hiteshchangrani
LeetCode: Hitesh Changrani
CodeChef: hit_changrani
TakeYouForward: Hitesh Changrani

SKILLS

LANGUAGES
• C • C++ • JavaScript • Python

DEVELOPMENT
• ExpressJS • Git • NodeJS • AWS
• API • Tailwind • MongoDB • SQL
• HTML • CSS • ReactJS

OTHER SKILLS
• Competitive Programming • Web Designing • Full-Stack Web Development
• PostMan

OTHERS
• Team Work • Leadership • Management
• Communication

EXTRACURRICULAR

• **Training and Placement Co-ordinator** at IET Lucknow.
• **Hostel Secretary** of RML Hostel at IET Lucknow.
• **Representative at Parmarth** Club at IET Lucknow.

EXPERIENCE

SOFTWARE DEVELOPER INTERN - BRIMO   Jan 2025 - May 2025
• Developed robust backend systems using Python, Django, and GraphQL, enabling scalable APIs and data-driven features.
• Designed and implemented AI agents for intelligent automation, including a log analysis agent for anomaly detection.
• Automated data workflows using Python, Celery, and Azure Data Lake, creating end-to-end pipelines for seamless data ingestion and storage.

PROJECTS

MAGIC CAPTIONS | NOVEMBER 2024 ⌂
Tech-Stack: Next.js, Tailwind CSS, AWS S3, AWS Transcribe, FFmpeg, Vercel
• Caption Generation: Utilized AWS Transcribe to enable automated and accurate subtitle generation for videos.
• Caption Application: Integrated FFmpeg to seamlessly embed generated captions into videos.
• Customization: Implemented features allowing users to edit, customize, and style captions according to their preferences.
• File Management: Facilitated uploading and downloading of videos with captions using AWS S3 for secure storage.

PAYMENTS APP | AUGUST 2024 ⌂
Tech-Stack: Node.js, Express.js, MongoDB, React.js, Tailwind, Vercel, Render
• Developed a full-stack web application inspired by Paytm for managing digital transactions and user balances.
• Implemented secure user authentication using JSON Web Tokens (JWT) for signup and signin routes.
• Enabled users to send and receive balances with each other while maintaining data integrity and consistency using MongoDB ACID-compliant transactions.
• Integrated user search functionality to allow searching and interacting with other registered users within the app.

COURSEWORK

POSTGRADUATE
• Data Structures And Algorithms • Computer Network
• Operating System, • Database Management System • Software Engineering
• Object Oriented Programming System

ACHIEVEMENTS AND ACTIVITIES

• **3 Star at CodeChef** : Highest rating of 1609, among top 11.9% globally.
• **Ranked 193/33261** in CodeChef weekly Contest 161.
• **Secured 5th Position in CodeSmash** : Technical competition in Civista held at IET.
• **Ranked 191st out of 857 teams** at ICPC bootcamp hosted by IIIT-Hyderabad.
• **Secured second position at Shark Tank** organized by Hult at IET.