Pawan Gupta

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Bachelor of Technology
Computer Science And Engineering
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‹/› LeetCode Profile

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EDUCATION

•**Motilal Nehru National Institute Of Technology Allahabad , Prayagraj** *Graduation Year: 2026*
Pursuing Honors in Computer Science and Engineering CGPA: 7.94

•**Swami Teonram Alok Public School, Kota** *2021*
Rajasthan Board of Secondary Education, Rajasthan(12th) Percentage: 96.7

•**Swami Vivekanand Children Public School , Jhalawar** *2019*
Rajasthan Board of Secondary Education, Rajasthan(10th) Percentage:93.33

PERSONAL PROJECTS

•**CryptoChat** ,

Developed a decentralized web application based on blockchain cryptocurrency networks with honest miners simulating message latency, proof of work, transaction generation and verification, and blockchain forks. Incorporated node hyperparameters to evaluate the results of selfish and stubborn mining attacks.

– Technologies Tools: VS Code, GitHub, Blockchain (Cryptocurrency Network), React.js, Tailwind CSS, Web3.js, Ethers.js, Solidity, MetaMask.
– Key Features:
  * MetaMask integration for authentication and wallet management.
  * User account creation in a decentralized chat application.
  * Add friends, send, and receive messages on a blockchain-based chat platform.
  * Implemented Solidity smart contracts to manage messages and transactions on the blockchain.
  * Designed a user-friendly UI/UX for the decentralized chat application.
  * Utilized Web3.js, Ethers.js, and Web3Model for Ethereum blockchain connectivity and interactions.

•**YoomXApp**

Developed a web application using Next.js (v14), simulating online meetings and video calls with features like authentication, verification, and security.

– Technologies Tools: Next.js (v14), Clerk for authentication, Tailwind CSS, GitHub for version control, Vercel for deployment, Stream for video/audio communication.
– Built a React.js-based Zoom clone that integrates with Google, GitHub, LinkedIn, and Gmail for authentication, enabling users to create, join, and schedule meetings, as well as access and view past meeting recordings.
– Implemented core features including:
  * OAuth-based authentication through Google, GitHub, LinkedIn, or Gmail for user verification.
  * Real-time meeting creation, instant joining, and scheduling with unique meeting links and invite management.
  * Support for video/audio conferencing with Stream integration for seamless communication.
  * Recording feature to enable users to view and download past meetings. ‹/› App-Link

TECHNICAL SKILLS AND INTERESTS

Languages: C , C++, Java, Python, JavaScript,TypeScript
Developer Tools: Visual Studio Code, Git , Github , Sublime Text , Anaconda3
Cloud/Databases: SQL , NoSQL ,MongoDB
Soft Skills: Adaptability , Verbal Communication , Listening , Leadership
Development: HTML5 , CSS ,Bootstrap , Expressjs , mongoDB , Matplotlib , pandas , numpy ,seaborn
Areas of Interest: Data Science , Artificial Intelligence, Machine Learning

POSITIONS OF RESPONSIBILITY

•Responsible for curating and distributing technical resources and materials to junior members.

•Managing and scheduling development-focused training sessions and workshops.(Computer Science Club)

• Accountable for overseeing and maintaining the provision of technical infrastructure and facilities to Support the club's activities. (Green Club)

ACHIEVEMENTS

- Achieved 99.53 percentile in JEE Main with All India Rank (AIR) 4278.

- Secured All India Rank (AIR) 1511 (CRL) in JEE Advanced.

- Ranked in the top 10% on Leetcode, with highest ranks of 1113 and 1146.

- Selected for the interview round at Accenture for technical roles.

- Successfully solved over 500 algorithmic problems on Leetcode and Codeforces.