Atharv Deshpande

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Education

SCTR's Pune Institute of Computer Technology, Pune, Maharashtra   June 2021 – June 2025
- BE Computer Engineering, GPA: 8.40

Experience

Intern, Infinity Pool Finnotech, Pune,Maharashtra - Remote   July 2024 – Present
- Developing an ML model with over 80% accuracy for predicting next-day index prices and next-week stock prices

AI Intern, JMedia Corp, Dallas-TX-USA - Remote   March 2024 – July 2024
- Developed backend and authentication systems for websites powered by Phoenix Labs, utilized by over 100,000 users, significantly enhancing overall security.

Research Project Intern, PICT, Pune – Pune   January 2024 – April 2024
- Conducted research on MRI image classification using VGG-16 and VGG-19.

Active Member, PICT NSS, PICT CSI Student Branch – Pune, Maharashtra   June 2022 – Present
- Participated in and led various events for the NSS club, enhancing collaboration with NGOs and expanding the network.
- Organized and managed the IDEAZEST event during Xenia 2024, achieving a 15% increase in participation.

Skills

- Coursework: Data Structures and Algorithms (DSA), Data Science and Big Data Analytics, Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems (OS), Computer Networks (CN)
- Programming Languages: C++, Python, Java
- Web Development: HTML, CSS, Javascript, React.js
- Databases: SQL, MongoDB
- Frameworks and Tools: Bootstrap, Git, Django REST, Firebase, Salesforce Cloud,Power BI
- Spoken Languages: English, French, Hindi, Marathi

Projects

- **Stock Market Prediction (Sponsored)**, Python – Infinity Pool FinnoTech
  - Currently developing a stock market prediction ML model for Infinity Pool, aimed at forecasting stock prices and indices based on multiple financial and market parameters.
- **Synth-Mind Solutions**, Google Firebase – Phoenix Labs
  - Designed the authentication system and managed the backend database for Synth-Mind Solutions using React and Firebase, creating a suite of specialized chatbots tailored for various industries, including healthcare, finance, and education.
- **CAIE Project**, Django – Phoenix Labs
  - Designed and implemented secure authentication using the Django framework for the CAIE project by Phoenix Labs, currently used by over 1,00,000 users, ensuring robust protection and privacy for user data.

Certificates and Achievements

- **Certifications**
  - Cybersecurity foundation certificate(Google), Java essentials(PICT)
- **Competitive Programming**
  - Solved over 500 problems in Data Structures and Algorithms (DSA) and Competitive Programming across various platforms, enhancing problem-solving skills and algorithmic thinking.
- **Hackathons**
  - Actively participated in various hackathons at both college and national levels, showcasing creativity and problem-solving skills
- **Achievements**
  - Secured an All India Rank (AIR) of 13,000 in the 2021 counseling process, receiving admission offers from IIT Bhubaneshwar and BITS Pilani.
  - Achieved Maharashtra state rank 18 in the Maharashtra Talent Search Examination (MTSE).
  - Earned multiple medals in school-level competitive exams, including Olympiads and debate competitions.