ANSH PATEL

Anshrpatel22@gmail.com | https://www.linkedin.com/in/anshpatelcs | 484-983-7955 | Boston, MA | Jan – Jun 2024

EDUCATION

Northeastern University – Khoury College of Computer Science   **Boston, MA**
Candidate for Bachelor of Science in Computer Science and Business Administration   *Expected: Jun 2025*
GPA/Honors: 3.83/4.00, Dean's List
Relevant Coursework: Object-Orientated Design, Data Science, Discrete Structures, Database Design, Macroeconomics, Microeconomics, Statistics, Marketing, Accounting I & II, Financial Structures

KEY SKILLS

Programming Languages: Java, Python, JavaScript, Typescript, HTML/CSS, Racket, Dart, SQL, Go
Frameworks/Additional Skills: React, Angular, Next, NodeJS, MongoDB, MySQL, Git, Express, Flutter, Overleaf, Github
IDES: Jetbrains (Intellij, Pycharm, Webstorm), VSCode, Jupyter Notebooks, Eclipse, JGrasp
Certifications: AWS Cloud Practitioner

PROFESSIONAL EXPERIENCE

SoftSages Technology   **Malvern, PA**
Software Engineering Intern   *June 2021 – September 2021*
- Streamlined client vendor interactions, timesheets, and invoices of a consultant managing system, increasing stakeholder satisfaction and operational efficiency by 10%.
- Designed and developed the application features using Java and MERN stack technologies with scalable software architecture and automated testing.
- Participated in full software development lifecycle, from planning and design through testing and deployment, ensuring high-quality software solutions.

Deep Sleep Technology   **West Chester, PA**
Mobile Application Development Intern   *March 2021 – August 2021*
- Designed a mobile application that allows patients to test themselves for sleep apnea and purchase sleep masks using an intuitive quiz with a 97% accuracy.
- Ensured software strictly adhered to HIPAA regulations, prioritizing user data privacy and security.
- Partnered with UX/UI designers to develop intuitive and user-friendly interfaces for mobile and web applications.

ACADEMIC PROJECTS

E-Commerce Web Scraper (JS, Python):   *Summer 2023*
- Developed a Python server that efficiently scrapes data from various e-commerce platforms including Amazon, Target, eBay, and Walmart, offering users up-to-date pricing and product information.
- Utilized React.js to build an intuitive and responsive user interface, providing users with an ability to choose which retailers and items desired.

Number-Recognizing Mobile App (Dart, Python, AWS):   *Summer 2023*
- Developed an innovative mobile application that allows users to recognize handwritten digits using machine learning algorithms from their phone.
- Leveraged Flutter's cross-platform capabilities to ensure seamless performance on both Android and iOS devices while hosting the backend on AWS.
- Engineered and trained a Convolutional Neural Network (CNN) on the extensive MNist dataset to enhance model accuracy, catering to a wide range of handwriting styles.

File Sharing Web Application (JS, Firebase):   *Winter 2023*
- Created a user-friendly file sharing website using React.js, enabling users to share files efficiently and quickly via single authentication pins.
- Employed Google Firebase as the backend cloud storage, providing a scalable and reliable data and file storage solution.

LEADERSHIP ACTIVITIES

Kathakar Podcast – Co-Founder and Co-Host

- Conceptualized and launched a podcast series exploring significant moments in world history, where the team interviewed and questioned accomplished historians and professionals to give insights into their respective fields.
- Recorded, edited, and produced over 20 episodes that have garnered more than 1,000 plays, becoming a part of local high schools' history curriculum.

BAPS Charities – Youth Activities Regional Lead

- Organized various humanitarian activities aimed at empowering young participants, demonstrating strong leadership and project management skills in events with upwards of 5000 people.
- Managed a large-scale database with 10,000s of entries, ensuring accurate record-keeping and data integrity.

INTERESTS

New Technology | Ultimate Frisbee | F1 | International Music and TV | Cooking | Traveling