PREYASH AMAR MEHTA

Boston, MA | (857)395-7497 | Available (May 2024 – December 2024) | E-Mail | LinkedIn | Portfolio | GitHub

EDUCATION

Northeastern University, Boston, Massachusetts, United States   **Expected May 2025**
Masters of Science in Computer Software Engineering   **GPA: 4.0**
Related Courses: Object-Oriented Design, Web Development, Cloud Computing, Data Structures & Algorithm, data analytics

University of Pune, Pune, Maharashtra, India   **May 2020**
Bachelors of Science in Computer Engineering   **GPA: 3.7**
Related Courses: Machine Learning, System Design & Networking, Database Management, Computer Science, Information Systems

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, VB .NET, Python, Spring Boot, MongoDB, SQL, C++, Typescript, C#
Web Development: ReactJS, NodeJS, ExpressJS, Redux, Bootstrap, JWT, AngularJS, TailwindCSS
Software and Build Tools: Azure DevOps, AWS (Lambda, S3, DynamoDB, CloudWatch), Git, Docker, Bitbucket, Visual Studio

PROFESSIONAL EXPERIENCE

Atos (Formerly Syntel)**,** Pune, IN   **March 2021 - June 2023**
Associate Software Developer
- Led the development of **12+** automation processes, achieving a **30%** efficiency gain and leveraging advanced VB.Net concepts for optimized results based on client feedback
- Engineered software solutions reducing manual input by **50%**, enhancing client productivity, and spearheaded an Azure DevOps initiative yielding **$250K** in annual savings for the client as a result
- Specialized in Insurance domain software, successfully managing three major projects integrating VB.Net with Azure DevOps tools and agile methodology for efficient client solutions
- Fostered cross-functional collaboration to drive innovation in automation processes, establishing effective communication channels with stakeholders and achieving a **15%** improvement in project goal alignment with organizational objectives

Scrobits Technologies – Pune, IN   **Jan 2020 – May 2020**
Full Stack Developer Internship
- Led full-stack development, integrating Cloud, Mobile, and Web technologies, improving time-to-market by **15%** and innovatively solving problems, reducing complaints by **40%**
- Optimized RESTful API services with Node.js, boosting response times by **30%**, and implemented advanced features on Angular web framework, increasing user engagement by **20%**
- Pioneered scalable microservices architecture, enhancing system reliability and enabling seamless scalability, resulting in a **25%** increase in overall system performance

ACADEMIC PROJECT EXPERIENCE

Event-Management Application   **October 2023 – December 2023**
- Developed a **MERN**-based Event Management Web App for university students, enabling seamless planning, booking, and networking, and utilized Tailwind CSS for UI styling.
- Created a ReactJS front-end for Husky Events with declarative UI building, React Router navigation, and Axios for server-side API communication, enhancing user experience
- Implemented user authentication and authorization using useContext hook & JWT, designed a REST API with Express routes, MongoDB for data storage and retrieval, and enhanced security measures including bcrypt hashing and CORS implementation **Demo**

Voting Application using Blockchain Technology   **October 2019 – June 2020**
- Enhanced e-voting system security with a blockchain-based application, ensuring transparency and preventing tampering, and presented findings in a national journal
- Implemented cryptographic vote linking using **SHA-256** in backend ledger, converting input data into JSON objects, and integrated one-time SMS authentication via Firebase for enhanced authenticity
- Contributed to a capstone project, developing a blockchain-based e-voting application to ensure security and transparency, and presented research findings in a national journal Paper

Handwriting Pattern Recognition Using Machine Learning   **October 2018 - January 2019**
- Conducted **research** on Support Vector Machine, attaining **92%** accuracy in classifying handwriting patterns for **IEEE** paper
- Presented research findings at academic conferences and seminars, highlighting potential applications in forensic handwriting analysis, education, and healthcare
- Demonstrated strong communication and interpersonal skills through compelling presentations, effectively conveying complex ideas to diverse audiences