Shreyesh Pradip Naik

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EDUCATION

DePaul University, Chicago, IL — **Sep 2024 - Expected May 2026**
Master of Science in Computer Science — **GPA: 3.65**
Relevant Courses: Applied Algorithm and Structure, Distributed Systems, Concepts of Programming Languages, Principal of Database Management Systems, Object-Oriented Software Development

Jaihind College - University Of Mumbai, Mumbai, India — **May 2021**
Bachelor Of Vocation in Software Development — **CGPA: 3.44**
Relevant Courses: Object-Oriented Programming, Python Programming and Data Structures, Java, Big Data Analysis, Artificial Intelligence, Emerging Technologies, Software Engineering, Computer Networks

TECHNICAL SKILLS

Languages: SQL, Python, Java, JavaScript, HTML, CSS, Angular Framework, TypeScript, C#, ASP.NET, C, C++, R
Tools and Software: Git and GitHub, Azure (DevOps), Jira, Visual Studio Code, Visual Studio
Databases: MS SQL, Oracle Database, MySQL, PostgreSQL, MongoDB
Operating Systems: Windows, Linux, Mac
SDLC: Waterfall, Agile

WORK EXPERIENCE

Software Developer, Tetra Soft Labs, India — *Sept 2021 – Aug 2024*
- Developed various components using the Angular framework to enhance the user interface and experience.
- Handled user requests by implementing GET and POST methods with ASP.NET Web API.
- Designed and optimized stored procedures, functions, triggers, and user-defined table types to efficiently manage and retrieve data.
- Implemented automated email functionality using C# and SMTP, enabling the generation and distribution of emails across platforms such as Outlook and Gmail.
- Migrated large-scale projects to Azure DevOps, streamlining team collaboration and project management.
- Conducted rigorous testing and debugging to ensure application performance and reliability.
- Collaborated with cross-functional teams to integrate new features and resolve technical issues.

React Intern, Vouch Digital, India — *July 2021 - August 2021*
- Developed and implemented common reusable components in React to enhance code modularity and maintainability.
- Gained hands-on experience with Git and version control, learning essential Git commands for code collaboration and repository management.
- Built reusable functionality to optimize application performance and improve development efficiency.

ACADEMIC PROJECTS

Vehicle Rental System
- Built a Vehicle Rental application using Java object-oriented concepts.
- Developed an inventory management module for adding and organizing vehicles, ensuring seamless tracking and availability.
- Processed rentals by capturing customer details and exporting rental records to CSV files or displaying them in the console.

Chat Application
- Designed and developed a real-time chat application using the MERN stack with Socket.IO for real-time communication, integrated secure user authentication with JWT, and used MongoDB for persistent message history
- Optimized the frontend for a seamless user experience across devices, leveraging modern UI libraries like DaisyUI for responsive design.

Health Prediction System
- Developed a Flask-based application for disease prediction, utilizing user inputs and historical data stored in a CSV file, with MySQL for secure data management.
- Implemented NumPy for data manipulation and Scikit-learn for predictive modeling, achieving 93\

Hangman Game
- Developed a word-guessing game in Python where players guess a hidden word in 4 attempts, with real-time feedback on guesses.
- Displayed the player's score and remaining attempts, while dynamically updating the guessed word.

CERTIFICATES

- **Junior Software Developer (Gold Badge)** - NASSCOM Certified — *August 2022*