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++
Tools and Software Git and GitHub, Azure(Devops), Jira, Visual Studio Code, Visual Studio
Databases: MS SQL, Oracle Database, MySQL, PostgreSQL, MongoDB

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*
- Created Common components in React
- Learned about Git Commands
- Developed reusable functionality

ACADEMIC PROJECTS

Vehicle Rental System
- Built a Java-based system to manage vehicle rentals, supporting vehicle types like SUVs, trucks, and cars.
- 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.

Static Code Analysis Tool for Git Repositories
- Built a Java-based tool to analyze Git repositories for code quality and standard compliance.
- Used JGit to clone and navigate repositories programmatically and integrated PMD to detect coding standard violations, code smells, and bugs.
- Exported analysis results to CSV files using BufferedWriter for efficient reporting and review.

Health Prediction System
- Built a Python-based application using Flask to predict diseases by matching user inputs with historical data in a CSV file.
- Used NumPy for data manipulation and Scikit-learn for predictive modelling, achieving 93 percent accuracy for analysis
- Designed a MySQL database to securely manage the user data and application.
- Delivered real-time health predictions with user-friendly feedback through a scalable and maintainable system.

Hangman Game
- Developed a word-guessing game in Python, where players attempt to guess a hidden word within 4 chances.
- Displayed the player's score and remaining attempts after each guess, with real-time feedback on correct and incorrect guesses.
- Dynamically updated the guessed word, providing an interactive and engaging experience for the player.

CERTIFICATES

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