

PRAVEEN KUMAR CHETTIBILLI

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SUMMARY

A Graduate student in Information Technology with **3 years** prior software engineering experience, actively looking for full-time job opportunities. F1 OPT EAD starts from February-2025.

EDUCATION

University of North Carolina at Charlotte, North Carolina

August'2023 - December'2024

Master of Science in Information Technology, GPA:3.8/4.0

Vignan's Institute of Information Technology, Andhra Pradesh, India

July'2017 - August'2021

Bachelor of Technology in Computer Science and Engineering, GPA:3.14/4.0

TECHNICAL SKILLS

- **Programming & Framework:** TypeScript, C#, Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Angular, React, NodeJS, Bootstrap, ReactJS, Django, Material-UI, Fast API, .NET Core, .NET MVC, .NET Core Web API
- **Databases:** Microsoft SQL.
- **Technologies:** Docker, AWS, Azure, Digital Ocean, SSMS, VS Code, Visual Studio, Postman, IntelliJ, Eclipse.
- **Version Controlling Tools:** Git, Atlassian Bitbucket.
- **AI/ML & Others:** Pandas, NumPy, Matplotlib, Hadoop, Spark, Hive, Agile Methodologies, Software Development, Object-Oriented Programming, Data Structures and Algorithms, Software Testing, Figma, Balsamic.

WORK EXPERIENCE

GRADUATE TEACHING ASSISTANT, UNC CHARLOTTE, USA

August'2024 - December'2024

Project: EMR (Electronic Medical Report)

- Led the development of the EMR database project, crafting detailed instructions and delivering a project proposal to help students grasp key concepts such as database schema design, normalization, and data management.
- Assisted in the design and implementation of database coursework, including projects and assignments focused on real-world applications of database design and SQL queries. Supported students in database design, SQL query optimization, and schema development by providing hands-on guidance and feedback.

.NET FULL STACK DEVELOPER, INFOSYS LTD, INDIA

September'2021 - July'2023

Client: Cox Communication, Atlanta, USA

Project: Cox Administration

- Improved data management efficiency by leveraging MySQL stored procedures, cutting query execution times by 40%, and enhancing the handling of complex database operations.

Project: Cox Media

- Spearheaded the development of web application components, optimizing the integration of Angular and .NET Core to accelerate the creation of RESTful APIs for CRUD operations using ASP.NET Core Web API, which reduced development time by 30%. Utilized Postman for API testing, which reduced debugging and testing time by 25%, leading to faster issue resolution and increased overall productivity in the software development lifecycle.
- Provisioned EC2 instances and IAM roles in AWS, optimizing performance and enabling secure, scalable applications with auto-scaling, which decreased deployment time by 20% and improved operational efficiency.
- Developed queries using LINQ for adding orders and managing other data operations, streamlining the data access layer and reducing code complexity, which improved overall system performance.

FRONTEND DEVELOPER INTERN, SLK SOFTWARE SERVICES PVT. LTD, INDIA

January'2021 - July'2021

- Contributed to the development of a web application using Angular for frontend and .NET (C#) for backend APIs, creating responsive, user-friendly interfaces that streamlined operations and enhanced engagement.
- Collaborated on version control and integration using Git and GitHub, ensuring efficient code management and seamless project coordination across the development lifecycle.

ACADEMIC PROJECTS

- **Personal Budget Management (Angular, JavaScript, NodeJS)**

Developed a full-stack web application for personal budget management using Node.js and Angular to analyze spending and track future expenses. The application features interactive graphs and tables created with D3.js for dynamic data visualization, as well as login and logout functionalities and a personal dashboard for users. Utilized MongoDB for efficient data storage and retrieval, ensuring a responsive and user-friendly experience. Technologies used: Angular, JavaScript, D3JS, MongoDB, Heroku, Digital Ocean, NodeJS, Git.

- **V Blog (Python, Django, MySQL, Heroku, Git)**

Developed a full-stack web application for a university blog using Python, Django, and MySQL, enabling the posting of tech-related information and current activities. Implemented user account creation to streamline the registration process, and enhanced account security with an email confirmation system to verify user accounts and prevent unauthorized access. Technologies used: Python, Django, MySQL, HTML, CSS, Heroku, Git.

CERTIFICATIONS

- Angular + .NET Full Stack Developer Certification (Infosys), Introduction to Cyber Security (Coursera).