

AARSH GHOTRA

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TECHNICAL SKILLS

Programming Languages: C#, Java, Python, PHP, TypeScript, JavaScript, HTML, CSS, Bootstrap

Frontend & Backend: ReactJS, Angular, Node.js, Express.js, JUnit, ASP.NET Core, Tailwind CSS

Databases: Microsoft SQL Server, MySQL, PostgreSQL, MongoDB

Development and Deployment: JIRA, Github, Postman, Gitlab, Docker, Kubernetes

Cloud & DevOps: AWS (Amplify, Cognito, Lambda, API Gateway, S3, EC2, RDS, DynamoDB), GCP, Git, Azure

PROFESSIONAL EXPERIENCE

Datasoft Global LLC, United States, Remote: Software Engineer Feb 2024 – Present

- Engineered intuitive and engaging user interfaces for inhouse applications, enhancing user experience and driving a 20% increase in monthly active users.
- Led a cross-functional team to develop a scalable HR platform, increasing user engagement by 30% and reducing page load time by 40% using React and Node.js.
- Developed and launched a responsive web application named SnapHR using ASP.NET MVC and React resulting in 20% increase in user engagement and 30% boost in conversion rates.
- Conducted thorough unit testing and debugging to identify and resolve software defects, enhancing application reliability and reducing production issues by 10%.
- Created robust and scalable database schemas using MySQL to support seamless business data flow, improving data retrieval speed by 30%.

University of North Carolina at Charlotte, Charlotte, NC: Instructional Assistant Jan 2023 – May 2023

- Engineered robust software solutions using Angular, C#, ASP.NET Core, and Microsoft SQL Server, contributing to backend services and databases serving thousands of daily active users.
- Guided students in leveraging popular DBMS tools such as MySQL, contributing to an impressive 30% reduction in project troubleshooting time.

Lexicon Infotech Ltd, Hyderabad, India: Software Engineer Jan 2020 – Dec 2021

- Engineered and maintained a suite of integration-focused applications across multiple projects, leveraging C#, ASP.NET Core, as well as various frontend and backend frameworks (ReactJS, Next.js, Angular, Node.js, Express.js) to drive continuous improvements in operational efficiency.
- Contributed to the design of user-friendly interfaces and functionality enhancements, leveraging JavaScript frameworks to improve front-end responsiveness and user experience.
- Architected and implemented microservices based architecture, reducing system downtime by 50% and improving deployment efficiency by 30% through CI/CD pipelines.
- Accomplished thorough testing, debugging, and integration of RESTful APIs and backend services in projects, achieving seamless communication between front-end and back-end components through cloud-native solutions.

EDUCATION

Master of Science in Computer Science Dec 2023

University of North Carolina at Charlotte, Charlotte, NC

PROJECTS

Healthcare Data Analysis

- Conducted exploratory data analysis on a healthcare dataset of patient appointments using Python libraries, uncovering key trends and insights. Identified factors such as age, chronic conditions, and SMS reminders influencing show rates, leading to recommendations that could improve appointment adherence by up to 15%.

UNCC Coders Club

- Built a responsive ReactJS frontend for a centralized platform, enabling students to easily access updates on coding events and workshops. Implemented Go Lang microservices with MySQL database integration, ensuring real time data management for the activities.