

Shoaib Mohammed

shoaibmohammed5907@gmail.com | 219.466.5907 | LinkedIn

EXPERIENCE

CHUBB | SOFTWARE ENGINEER

Jun 2022 – Jul 2023 | Hyderabad, IN

- Developed efficient and scalable .NET APIs to handle CRUD operations with MongoDB and Azure Blob Storage, optimizing data handling processes
- Applied modular design principles to create reusable components, improving code maintainability, and streamlining development efforts.
- Worked on versioning JSON files containing API configurations and UI data, enabling dynamic web page generation and streamlined updates without modifying core code.
- Implemented and maintained CI/CD pipelines using GitHub Actions and Azure DevOps to automate build, test, and deployment processes, reducing manual errors and accelerating delivery timelines.
- Designed and implemented APIs for Azure Blob Storage, enabling efficient file retrieval, editing, and CRUD operations directly from the front end, reducing manual processing.
- Delivered responsive and user-friendly web applications using Angular (13+), seamlessly integrating APIs to enhance functionality and user experience.
- Utilized tools like Jira and Confluence to coordinate project management tasks, foster team collaboration, and maintain organized workflows.

CHUBB | SOFTWARE ENGINEER INTERN

Sep 2021 – May 2022 | Hyderabad, IN

- Designed and optimized responsive, mobile-friendly UI pages using the Angular framework, improving user engagement, and ensuring a consistent experience across devices.
- Leveraged version control tools like GitHub and Git Desktop to streamline code management and enhance team collaboration during development.
- Developed and executed unit tests with Jest and the Angular Testing Library, ensuring thorough test coverage and maintaining the reliability of Angular components.
- Enhanced front-end performance by creating intuitive and dynamic user interfaces, aligned with modern design principles.
- Maintained efficient workflows by implementing robust version control practices, conducting code reviews to improve overall project quality.

PROJECTS

CONVERSATIONAL AI WITH FURHAT ROBOT Purdue Northwest | IN, USA

- Integrated Furhat Robot with ChatGPT APIs to enable natural, context-aware conversations, enhancing human-robot interaction.
- Implemented real-time sentiment analysis to adapt responses and facial expressions based on user emotions, creating an engaging, emotionally intelligent experience.

TRAVEL RECOMMENDATION SYSTEM

| CLASS PROJECT | LEAD

Purdue Northwest | IN, USA

- Developed a travel recommendation system integrating Google Distance API, Weather API, and shortest path algorithms to compute optimal travel routes.
- Enhanced trip planning efficiency by recommending the nearest, safest, and most weather-friendly destinations using real-time data.

VOICEPILOT | SELF

- Built a voice-activated assistant using Python and Selenium to automate tasks like messaging, setting alarms, and opening apps.
- Integrated with WhatsApp, Instagram, YouTube, and Google for seamless voice-controlled interaction.

EDUCATION

PURDUE UNIVERSITY

MASTER'S IN COMPUTER SCIENCE

Aug 2023 - May 2025

Cum. GPA: 3.57 / 4.0

KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE

BACHELOR'S IN COMPUTER SCIENCE

Aug 2018 - May 2022

Cum. GPA: 3.65 / 4.0

SKILLS

PROGRAMMING

.Net • Java • Python • C/C++ • Typescript
Angular • React • Node.js • JavaScript
MongoDB • SQL • Django • PostgreSQL
Matlab • R • Express.js

TECHNOLOGY

Git/Github • AWS • Linux • Azure
Jira • Windows • ROS • CI/CD • Agile
Artificial Intelligence • Automation

LINKS

Github:// **Shoaib Mohammed**

LinkedIn:// **Shoaib Mohammed**