SHIVANGI PATEL

Chicago, IL• Portfolio • 224-605-6615• LinkedIn • shivangi.patel0565@gmail.com • GitHub

EDUCATION

DePaul University – Chicago, IL - USA	September 2022 - June 2024
Master of Science in Computer Science	GPA - 3.83/4.0
Gujarat Technological University, GJ - India	July 2017 - June 2021
Bachelor of Engineering in Computer Engineering	CGPA - 8.91/10.0

SKILLS

- **Programming Languages**: C#, Java, Python, C++, VB, C, Scala, .Net Core, VB.Net, SQL, Oracle, Numpy, Pandas.
- **Web Development**: HTML5, CSS3, MUI, JavaScript, React JS, Redux, TypeScript, Angular, Node JS, Express, MongoDB, Razor Pages.
- **Other Tools/Technologies**: Git, Slack, AWS, Google Cloud, Salesforce, Microsoft 365, Docker, Kubernetes, Agile, Scrum, JIRA, Jenkins, Postman, Figma.

EXPERIENCE

Paul Mason Consulting (PMC) - Junior Software Engineer | GJ, India   June 2021 – Aug. 2022
- Developed and enhanced booking tickets, purchasing insurance and simcard(passes) features of windows application build in C#, front-end as VB6.
- Resolved a Production Bug with windows based service built in C#, enabling the ticket generation by doing code level modification.
- Trained and mentored **5+** new team members, fostering growth and productivity. Managed end-to-end more than **20+** applications across **7+** environments, ensuring seamless database integration and maintenance.

Paul Mason Consulting (PMC) - Software Developer Intern | GJ, India   Sept. 2020 – April 2021
- Enhanced comprehensive unit test cases for middleware to increase code coverage from **47% to 93%** using XUnit testing framework.
- Collaborated with cross-functional teams to design and implement Frontend Features like journey search, fare search, booking ticket and purchasing insurance built in Angular, Node.js and Java Spring Boot for backend microservices, and SQL Server 2003 for database management.
- Led the design and documentation of a comprehensive Technical Design document, focusing on middleware architecture and flow, to provide a clear and structured overview of the system.

Allsoft Solutions(IBM Partner) - Machine Learning Training/Internship | GJ, India   June 2020 – July 2020
- Developed a robust regression model for Crypto currency price prediction, utilizing a blend of technical indicators and market trends.
- Leveraged IBM Watson Studio to implement various Machine Learning Algorithms, enhancing model accuracy.

PROJECTS

MarketHub | Team of 4
- Developed a markethub website using React as frontend, Node.js as backend and MongoDb as database.
- Created product listing dashboard, user authentication and profile management feature and designed wireframes for it.
- Developed Unit test cases using Jest framework to achieve code coverage of **85%**.

Healthcare Website | Team of 3
- Designed and deployed a responsive web application in React with a feature to book doctor's appointment.
- Designed and implemented an admin control system to review and verify doctor postings, providing options for acceptance or rejection by automating sending email notifications for the outcome.
- Implemented **CI/CD** pipeline to automate the building, testing, and deployment processes of the project.

Community Portal | Solo
- Developed a collaborative portal using Angular JS for the frontend, .Net Core for the backend, and MS SQL Server for the database, article sharing, content organization, and admin management within an online community.
- Improved data retrieval and manipulation capabilities by implementing Entity Framework Core (EF Core).

Certification /Achievements

● Earned 4 stars in Problem Solving in Hacker Rank	2023
● Certification of Essential Google Cloud Infrastructure: Foundation	2021
● Certification of Machine Learning with Python- Level 1 (Issued by IBM)	2020
● Awarded as top 3 programmer at College coding competition	2019