

Deep Patel

Email: deepjpatel26@gmail.com Phone: (806) 368-2770 Location: Dallas, TX

CERTIFICATIONS, SKILLS & INTERESTS

- **Languages:** JavaScript, TypeScript, Python, C++, C, HTML, PHP, CSS, Java, GraphQL, C#, .NET
- **Web Technologies:** React.js, Node.js, Express.js, Django, Firebase, MySQL, MongoDB, Vue.js, AngularJS, PostgreSQL, Spring
- **Tools/Technologies/skills:** TensorFlow, PyTorch, Git, Android Studio, Weka, Docker, Kubernetes, Weka, Data Structures, Embedded systems, Oracle, Distributed systems, scrum meeting, sprint planning, PowerBI, Tableau, selenium.

WORK EXPERIENCE

Phoenix Innovation LLC

Jan. 2024 – Present

Business Data Analyst Intern

Flower mound, Texas

- Spearheaded the design and deployment of Midas software for processing reverse logistics, optimizing gateway device management from receipt through processing, and collaboration with major providers including AT&T, FedEx, and Encore.
- Engineered and implemented an advanced operations dashboard in collaboration with product management, significantly enhancing data analytics and business intelligence capabilities for strategic decision-making.
- Pioneered the development of enhanced Tableau dashboards, streamlining the reporting of key performance indicators (KPIs) and handling over 100,000 devices monthly, driving efficiency and operational excellence.

BrainyBeam Technologies Pvt. Ltd

Jan. 2022 – May. 2022

Software Developer Intern

Abmedabad, IND

- Pioneered a Web-based application using Python, driving a 20% increase in pharmacy sales and optimizing distribution channels for a 30% reduction in delivery time.
- Improved scalability by engineering interactive GUI using Django and is incorporated by medical stores and 2 distributors.
- Achieved stocking solutions by employing linear regression for 85% accurate medical stock forecast model over the next 10 years.

Nickoleg Technologies Pvt. Ltd

Jun. 2021 – Aug. 2021

Full Stack Development Intern

Abmedabad, IND

- Led a team of 4 interns to establish the company's website using ReactJS and ExpressJS attracting more than 100 visits per day.
- Leveraged MongoDB to proficiently manage the database, optimizing data retrieval speed by 50% and enhancing overall system stability.
- Incorporated reusable forms leveraging Formik and Yup validation, resulting in 40% increase in scalability and a significant reduction of 30% in code redundancy.

Hidden Brains Infotech

Jun. 2019 – Jul. 2019

Software Development Engineer

Abmedabad, IND

- Collaborated on diverse front-end and back-end modules, resulting in the successful deployment of the client's website.
- Precisely tailored and customized 20+ modules, surpassing clients' specific needs and expectations.

EDUCATION

- **University of Texas at Arlington**, MS, Computer Science GPA: 3.80 / 4.0
- **Indus University**, BS, Computer Science & Engineering GPA: 3.85 / 4.0

PROJECTS

Cloud Based Storage Application

May 2023

- Used Java programming language and incorporated UDP-based data transmission for efficient file syncing, ensuring seamless synchronization of text and binary files, including small and large files (>200MB).
- Enforced multi-threading techniques to achieve a 30% increase in computation efficiency by utilizing separate threads for file syncing, command execution, and data transmission, resulting in a 40% reduction in file read/write time and enabling real-time status monitoring.

UTA Event Tracker App

Jan 2023

- Led the development of an Android application using Android Studio, achieving a 30% reduction in event tracking time for the University of Texas at Arlington.
- Incorporated Firebase as the backend database, enabling seamless real-time data synchronization and enhancing user experience.
- Exhibited proficiency in modern Android development methodologies, including modular architecture, MVVM design pattern, and responsive UI, resulting in a scalable and easily maintainable application.

Music Recommendation Model

Oct 2021

- Collaborated in pair to analyze data from over 10,000 users across various music streaming apps, effectively conceptualizing, and implementing a robust recommendation model.
- The model was executed in 4 months using Python and formulated a random forest algorithm on Google Collab, providing 87.6% accuracy, Data visuals were provided using WEKA for effective assessment.
- Analyzed and trained the model using a cleaner and large dataset to maximize the accuracy to 93%.