

Meet Chanchad

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EDUCATION

Masters in computer science

The University of Texas at Dallas Richardson, TX

May 2023

GPA: 3.61/4

Bachelor of Engineering in Computer Engineering

Gujarat Technological University Gujarat, India

May 2021

GPA: 9.48/10

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, C/C++, Java, R, TypeScript, HTML5, CSS3, SQL.
- **Frameworks & Libraries:** Laravel, Node, React, Angular, jQuery, Django, Express, Mongoose, Bootstrap.
- **Developer Tools:** Git, Postman, VS Code, IntelliJ, Jenkins, JIRA.
- **Platforms:** Windows, Google Cloud Platform, Git-Hub, MySQL, MSSQL, SSRS, Oracle, MongoDB.

EXPERIENCE

Application Developer Intern

Midland Scientific Inc.

Sep 2022 – Present

Omaha, NE

- Designed and developed – Mind a PHP Laravel application for creating, monitoring, and managing 36 types of internal functions and numerous products.
- Engineered project architecture by participating in meetings with stakeholders to understand, document and implement the requirements. Designed and developed the MSSQL database to effectively meet complex requirements.
- Established seamless integration with commercial off-the-shelf ERP software.
- Employed test driven development to develop document sharing and review platform. Reduced Document review time by 90%.

Web and App Developer – Student Assistant

UT Dallas - ATEC

Aug 2022 – Sept 2022

Richardson, TX

- Responsible for the back-end development of the “Migrant Steps project”. Integrated the fitbit api with nodeJS backend.
- Assist the Lead developer in the development tasks and ensure seamless integration with the front-end.

Software Developer Intern

Amelia

May 2020 – Oct 2020

Los Angeles, CA

- Worked on development of a responsive web app called Amelia. Utilized React, Axios, and React-Router to create a dynamic SPA.
- Applied Agile development practice to create Node.js powered secure RESTfull API endpoints leveraging ExpressJS.
- Conducted testing and review of website design for responsiveness and effectiveness. Achieved 90% user satisfaction score.

Web Development Intern

Rlogical Techsoft

Jan 2020 – Mar 2020

Ahmedabad, India

- Worked on server side development of a job portal. Applied MVT pattern to design and develop the data models and controllers with Django a Python Framework. Fulfilled client expectations by delivery of projects backed by effective unit and integration testing.
- Actively participated in the team and daily SCRUM meetings to effectively address the complex nature of business requirements.
- Liaised with a team of interns to deliver the projects by following the agile methodology throughout the SDLC.

Jr. Programmer Intern

Dentaweb services

Nov 2019 – Jan 2020

Ahmedabad, India

- Remolded the database system of legacy CRM platform Dentaweb. Adapted the new system to incorporate complex features.
- Designed efficient MySQL database queries, stored procedures, and triggers.

PROJECTS

MERN Stack E-commerce PC parts Store

Sep 2021 – Nov 2021

- Developed website for PC hardware products using **React.js**. Users can register, login, and manage their cart. They can customize their PC builds by searching and filtering through around 25000 products, with a 500ms search response time.
- Built a **Rest-full API** built using **Axios, Express.js and Node.js**. Used tools like **VS Code, Postman and Chrome DevTools**
- Used **Mongo DB** and **Mongoose** for database operations and aggregations while using **Git / Git-hub** for version control

Agriculture automation and recommendation system

Jan 2020 – May 2021

- Created a platform to aid farmers with new technologies in automation of farms. Created an interface using **React.js, Bootstrap**.
- Collecting live field data using an array of sensors uploaded to an **API** developed using **Express.js, Node.js** and utilized it for live reports and monitoring, aided with **MongoDB** for efficient querying, along with providing strategic recommendations to farmers

Movie Recommendation Engine

May 2019 – Dec 2019

- User rating prediction using **Collaborative filtering** and **K-nearest neighbors** to predicted ratings and movies. Achieved 90% accuracy.
- Build from scratch using **Python, NumPy, Pandas** and **PyCharm** IDE. Utilized the Netflix Price money Data Set.