

Jatin Raj Saini

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EXPERIENCE

GROWTHEDGE ASSOCIATE | SDE INTERN

May 2023 – Jul 2023 | Remote

- Created user engagement **Dashboard** for **Admin Portal**.
- Technologies such as **NodeJS**, **ReactJS**, **JavaScript** and **CSS** are used.
- Enhanced backend performance, fixed **15+** bugs for improved website efficiency.

AKSH INVESTMENT | SDE INTERN

March 2023 – April 2023 | Remote

- Created a sleek V-card template website, strengthening the company's online presence.
- Used **NextJS** for **Server-Side Rendering** and **SEO** friendly website.
- Used **Tailwind CSS** for designing a responsive and visually appealing website.

RESEARCH

IIIT VADODARA | MULTI-ACCESS EDGE COMPUTING

May 2023 – Jul 2023 | Remote

- Conducted an in-depth study on **Multi-access Edge Computing (MEC)**, **NFV**, **SDN**, **SFC** and **Network Slicing**.
- Explored optimization approaches for latency, processing, memory, bandwidth, and energy resources in MEC environments.
- Explored the attractive **5G usecases** in different Domain including Edge Computing

IIIT VADODARA | INFORMATION-RETRIEVAL RESEARCH

Aug 2022 – Nov 2022 | In-person

- Aimed to find relation between **languages and phonetics usage**
- Conducted a comprehensive language model analysis using Python and achieved a **25% increase** in the overall accuracy of natural language processing algorithms
- Studied the statistics of phonetics appearance through their n-grams of various world, as well as Indian languages

PROJECTS

NETFLIX- CLONE | Full Stack Development

- Used MERN Stack (MongoDB, ExpressJS, ReactJS, and NodeJS).
- Employed React Hooks and Context API for efficient state management and reusability.
- Developed and integrated secure JWT-based authentication and robust RESTful APIs for user management and data retrieval.

CRYPRICETRACKER | FrontEnd Developement

- Created price tracker app using **React**, **React Hooks**, and **Axios**.
- Implemented live price updates and real-time data retrieval from a **public API**.
- Developed search functionality to enable currency search.

EDUCATION

IIIT VADODARA

B.TECH- INFORMATION TECHNOLOGY
2020-present
Gandhinagar, Gujarat

BHAGAT PUBLIC SCHOOL

CLASS XII - PCM

2017-2019

Kota

SKILLS

PROGRAMMING

- C++ • Javascript
- Java • HTML5
- CSS3 • SQL

TOOLS AND FRAMEWORK

- NodeJS • ReactJS • ExpressJS
- NextJS • Tailwind CSS • Bootstrap
- Material UI • Mongoose

DATABASE

- MySql • MongoDB

OTHERS

- Git • Github • RESTful APIs
- Context API • Postman
- MS Office

SOFT SKILLS

- TeamWork
- Leadership
- Time Management
- Interpersonal Skill

COURSEWORK

Data Structures
Algorithms
Operating Systems (OS)
Database-Management System (DBMS)
Object Oriented Programming (OOPS)
Computer Networks
Web Technology
Software Engineering

LINKS

Github:// [Jatin30032001](#)

LinkedIn:// [jatin-raj-saini](#)

Leetcode:// [jrsaini2090](#)