

KARTIKEY CHAUDHARY

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Experience

Junior Software Development Engineer 1 | Onextel Private Limited 08/2024 - Current

- Streamlined backend operations and **engineered robust APIs**, achieving a **30% reduction** in data retrieval times.
- Optimized PostgreSQL queries** to handle datasets with over **100 crore rows**, achieving minimal query execution times and boosting database efficiency.
- Designed and implemented efficient APIs and endpoints across multiple projects**, ensuring high performance and reliability.

Mern Stack Developer | WebDesys Techno Consultants Private Limited 05/2023 - 07/2024

- Automated deployment workflows with GitHub Actions and integrated testing pipelines**, improving the reliability of releases and overall user experience.
- Engineered a robust API in Express and Node.js, enabling seamless data retrieval from database, **leading to a 25% reduction in front end loading time and improved user experience.**

Training and Internships

SUMMER INTERN | AVL India 02/2023 - 04/2023

Implemented an intensive training initiative focusing on leveraging C# capabilities within Visual Studio; delivered in-depth guidance on C# concepts, OOPs, and database connectivity.

TECHNICAL CONSULTANT INTERN | Dekeract Pvt.Ltd 12/2021 - 02/2022

Orchestrated in-depth market research and analysis to identify cost-saving opportunities, **executed strategic initiatives that led to a 20% reduction in production expenses**, resulting in annual savings.

Projects

Quick insurance settlement - Node, Express, Redux, Nodemailer, JavaScript, Docker.

- Designed and implemented an audience claim settlement system for insurance purposes.
- Integrate essential functionalities including confirmation mail, a fully functional chatbot, and seamless **payment gateway integration. Evaluated performance metrics and has an accuracy of 85%.**

Moris Solutions - JavaScript, Node, Express, React.

- Developing abstractive E-commerce system for diverse users and enhance user experience by 50%
- Orchestrated the development of **cutting-edge models using Express, resulting in a 40% reduction in system response time, optimising backend architecture** and front-end design for seamless functionality.
- Engineered a robust **CI/CD pipeline** with GitHub actions, automating testing and deployment workflows, **This led to a 40% decrease in the time required to bring the product to market.**

Position of Responsibility

Google Developer Student Club | DSA-CP Lead 08/2023 - 08/2024

Drove exploratory research on **cutting-edge technologies**, enhancing team's technical capabilities and market competitiveness, **identified trends, contributing to a forward-thinking environment.**

KEY EXPERTISE

- Languages** : C, C++, Erlang, Python, C#, Java
- Backend** : JavaScript, Node.js, .Net, Express.js, Rebar, Elixir, RestApi
- DevOps** : Docker, Jenkins, CI/CD Pipeline, Aws, Vps,
- Database** : Postgresql, MongoDB, Nifi, Doris
- Operating System** : Linux, Unix, Window
- Core Competency**: Dsa, Oops, Operating System, DBMS, Computer Network
- Tools Used** : Git, Github, Jira, Keka, Slack, Postman, Vscode, Firebase

Education

IIMT College of Engineering, Greater Noida 09/2020 - 04/2024

AKTU(Bachelor's of Technology, Computer Science Engineering)

Azad Public School, Bulandshahr 04/2019 - 07/2020

CBSE(Class 12th)

Azad Public School, Bulandshahr 04/2017 - 05/2018

CBSE(Class 10th)