

ABHISHEK KUMAR

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EDUCATION

B.Tech in Computer Science and Engineering
Krishna Engineering College, Ghaziabad, U.P.

June 2019 – May 2023
Grade: 8.8 SGPA

Intermediate
Andhra Educational Society, ITO, New Delhi

June 2017 – May 2019
Grade: 72%

High School
Diwakar Model School, Sahibabad, U.P.

June 2016 – May 2017
Grade: 9.2 CGPA

TECHNICAL SKILLS

Programming : HTML/CSS, TypeScript, JavaScript, C++
Tech - Frontend / Backend : Node.js, React.js, Express.js
Databases / Cloud : MySQL, MongoDB, Firebase, AWS, GCP
Tools : GitHub, Git, Postman, Gitpod

WORK EXPERIENCE

Junior Software Engineer
Frecher Hinakins

Jan 2023 – Ongoing
Noida, U.P

- Developed **REST APIs** and performed database modeling with both **NoSQL** and **SQL**, utilizing various services such as **Amazon SNS, SQS, and S3**.
- Effectively troubleshooted bottlenecks and bugs, resulting in a **20%** improvement in system performance.
- Implemented core services for multiple panels (**SuperAdmin, Admin, and SubAdmin**) and apps (**Parent, Transport, and Teacher**), increasing scalability by **25%** and reducing backend maintenance time by **45%**.
- Optimized **Reporting APIs** to reduce response times from over 10 seconds to **2-3** seconds, improving Swagger documentation and user experience.
- Developed multiple **cron jobs** to automate alerts, **reducing manual intervention by 15%**, and applied Joi validation for API definitions, **decreasing erroneous database API calls by 35%**.
- Utilized web scraping techniques to **generate recommended prices** by applying various algorithms to scraped data and internal pricing. Successfully executed this for one of **Germany's largest car rental providers**, resulting in a **55% increase in sales within 3 months** of deploying the tool.
- Optimized MongoDB **queries** using aggregate and projection methods, **reducing page load times by 15%**.
- Tech Stack:** Node.js, React.js, TypeScript, MongoDB, Amazon S3, SNS, SQS.

MERN Intern
Rjwada - IITD

Sept 2022 – Nov 2022
IIT Delhi

- Developed reusable React components with Tailwind CSS for **Profile, Cart, Product Details, and Home pages**, reducing redundant code by **40%**, and improving UI consistency and maintainability.
- Mentored new interns by assigning tasks and conducting **knowledge transfer (KT)** sessions, increasing onboarding efficiency by **50%**.
- Led frontend design, delegated tasks to **interns with detailed wireframes**, and actively participated in product scope and delivery meetings with founders, contributing to a **30% improvement** in product delivery efficiency.
- Utilized Firebase services for user **authentication and stored product data** in Google Cloud, resulting in a **30% enhancement** in data retrieval and authentication speed.
- Collaborated with team members using Git for **version control**, efficiently organizing modifications and task assignments, reducing code conflicts by **30%**.
- Tech Stack:** React.js, Firebase, Tailwind CSS, Bootstrap, Google Auth 2.0

LINKS / CERTIFICATES

Profile : **Codeforces** , **LeetCode**, **GitHub**, **LinkedIn**

Certificates : **Back End Development and APIs** , **Version Control with Git** , **AWS Cloud Essentials**