Aakash Sharma

2102250100001
Bachelor of Technology
in Computer Science and Engineering
Accurate Institute of Technology and Management , Greater Noida

+91-7367035522
aakashsharma.ghd@gmail.com

GitHub
LinkedIn

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech CSE	Accurate Institute of Technology, Greater Noida	AKTU, Lucknow	6.83 (Till 7th Sem)	2021-2025
Senior Secondary	BSM College	JAC	68.88%	2021
Matriculation	DAV Centenery Public School	CBSE	75.57%	2019

EXPERIENCE

- **Celebrare** *Aug 2024 - Dec 2024*
  Frontend Developer Remote
  – Developed reusable components, contributing over 10 high-quality code modules that enhanced UI consistency and significantly reduced future development time.
  – Conducted thorough analyses leading to findings that addressed three major causes in app, contributed to developing more versions aligning with Celebrare's quality benchmarks for frontend design.

- **Pawzz Foundation** *Oct 2024 - Present*
  Backend Developer Gurgaon, Haryana
  – Architected a robust backend framework that streamlined communication between front-end interfaces and back-end systems at Pawzz Foundation, resulting in improved data retrieval speeds of up to 25%.
  – Engineered and implemented robust APIs that facilitated seamless interactions between front-end interfaces and back-end systems, enhancing data retrieval efficiency by 25% for the Pawzz Foundation's platform stability.

PROJECTS

- **Movie Booking App** *Github*
  Next.js, React.js, TypeScript, tRPC, Prisma, Firebase, Stripe
  – Devised a responsive **cinema reservation** platform leveraging innovative tech stacks including **TypeScript** alongside modern front-end libraries, **received positive feedback** from over **500 users** within the first month post-launch.
  – Engineered a robust **backend architecture using tRPC and Prisma**, resulting in **improved API response times by 40%** while **streamlining database** management processes across the **application for enhanced performance.**
  – Implemented **Firebase for user authentication**, **facilitating real-time database operations** that enhanced the application's responsiveness and provided an uninterrupted **experience for over 1,000 users daily.**

- **Realtime Device Tracker** *Github*
  Node.js, React.js, Express.js, Socket.io, Google Maps API
  – Created a cutting-edge application that **integrates React.js, Node.js, and Express.js with the Google Maps API** facilitated **real-time tracking of devices**, reducing average **response time to location queries by 50%.**
  – Developed an interactive front-end using React.js that **enhanced user engagement**, while implementing a Node.js and Express.js **backend to streamline data processing**, reducing latency in device communication by **30 milliseconds.**
  – Implemented the Google Maps API to create a **robust application** that **visualizes device movements**, enabling real-time updates on device locations and resulting in a significant **reduction of manual tracking errors by 50%.**

- **ColPat** *Github*
  Javascript, React.js, Next.js, Chatgpt, BootStrap
  – Created Colpat, a user-friendly AI tool tailored to simplify the process of **generating personalized color schemes**, empowered designers with advanced features that **improved workflow across more than 150 completed projects.**
  – Streamlined workflows by **reducing design iteration cycle**s from five to two, **enhancing team efficiency.**
  – Streamlined **Colpat's development framework**, reducing design iteration cycles from **five to two phases for all users**.

TECHNICAL SKILLS

- **Languages**: JavaScript, TypeScript
- **Technologies**: Node.js, Express.js, RestAPI, Socket.IO, MonoRepos, WebSocket
- **Database**: MongoDB, SQL, BaaS, Redis
- **Cloud Services**: Amazon S3, CloudFlare
- **Computer Science Fundamentals**: System Design, Operating System, DBMS
- **Developer Tools**: Postman, VS Code, GitHub, Visual Studio, Jest

ACHIEVEMENTS

- Contributed **47 pull requests, 56 issues, and over 10,000 lines code** to CCExtractor's Ultimate Alarm Clock project, implementing major features including times , **pedometer challenge, custom ringtone etc.**
- Top **30 Open Source in Winter of Code 3.0**; contributes to Spectrum-UI for clueless Community
- Developed **BlockToDo**, winning the **OverEngineered intra-college team** event, creating the most OverEngineered piece of software possible within the allotted time frame.