

KESHAV AGARWAL

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EDUCATION

Indian Institute of Technology(Indian School of Mines)

Bachelor of Technology

Doon Public School

CBSE-12th

Dhanbad, Jharkhand, India

August 2019 - June 2023

Dhanbad, Jharkhand, India

April 2016 - March 2018

TECHNICAL SKILLS

Programming Languages and Competencies: C++ , Competitive Programming, JavaScript, Solidity, Java.

Coursework: Data Structures and Algorithms, Object-Oriented Programming(OOPS), Operating System, Database Management Systems, SQL.

Development:Node.js, Mongodb, Express.js, Mongoose, NPM, Rest, HTTPverbs, Bootstrap, React.js, Solidity, Foundry.

EXPERIENCE

TechSteck Solutions

August 2024-Present

Blockchain and Full Stack Development Internship.

- Developed and deployed 3+ trading bots, DeFi protocols, and NFT smart contracts in Solidity, enabling cross-chain staking of SPELL tokens, resulting in increased user engagement by 20 percent.
- Collaborated with a team to write, test, and deploy smart contracts, achieving 100 percent functionality and adherence to blockchain best practices.
- Optimized front-end and Web3 integration for decentralized applications, improving website load time by 15 percent.

TECHPLEMENT

May 2024-June 2024

Full Stack Development Internship.

- Designed and implemented the backend for a user authentication system with JWT and Bcrypt encryption, enhancing website security and protecting user data for 1,000+ users.
- Reduced backend response time by 30 percent using MongoDB queries and middleware optimization.

PROJECTS

CAMPSTORE

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[GitHub](#)

- Designed a robust signup/login mechanism enabling secure access for over 200+ users, reducing login errors by 20 percent through enhanced backend validation checks using Passport.js.
- Built a fully functional campground CRUD platform with image uploads, handling 10,000+ daily API requests with seamless user experience.
- Integrated Cloudinary for scalable image storage and Mapbox for interactive map displays, improving user interaction by 30 percent.
- TOOLS:Javascript, Node.js, Express.js, Mongodb, Render(For Deployment), Cloudinary(For Image Storage), Mapbox(For Map Display), Passport, Rest-API, Bootstrap, HTML-5, CSS, EJS, NPM.

TODAY-I-LEARNED

[Live Link](#)

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- Engineered a fact-creation and voting system, enabling users to submit and react to 500+ facts across 10+ categories, fostering high engagement.
- Integrated Supabase for real-time database updates, reducing API call latency by 25 percent for smoother user interaction.
- TOOLS:Javascript, React.js, Supabase, Netlify, HTML-5, CSS.

ACHIEVEMENTS

- Obtained **Rank 185** for graduating year 2023 and 1062 overall out of **100,000+** participants registered in CodeKaze-2023 Coding Competition. [Certificate](#)
- Score of **1,000+** in [GEEKS FOR GEEKS](#), Expert Badge in [CODESTUDIO](#).
- **SOLVED 1600+** PROBLEMS IN DATA STRUCTURE AND ALGORITHMS ON VARIOUS CODING PLATFORMS.
- **AMONG TOP 1 PERCENTILE** OUT OF 1 MILLION ASPIRANTS IN IIT-JEE-2019.
- **KNIGHT BADGE (TOP 5 PERCENTAGE)** ON [LEETCODE](#) WITH MAXIMUM CONTEST RATING OF **1927**.