KARTIKEY BHARDAWJ

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Education

JSS ACADEMY OF TECHNICAL EDUCATION NOIDA

Complete the Bachelor of Science in Computer Science and Engineering *Noida, Uttarpardesh*

Relevant Coursework

- Data Structures
- Software Methodology
- Algorithms Analysis
- Database Management
- Blockchain Technology
- Systems Programming

Experience

House Of Web3 **August 2023 – Currently**

Software Developer Engineer I *Bangalore, Karnataka*

- Created an efficient backend infrastructure for Houseofweb3, ensuring seamless operations and optimal performance.
- Implemented AWS services to enhance scalability and security, resulting in improved user experiences.
- Utilized AWS Lambda functions, EC2 to developed RESTful APIs with Nodejs, typescript, Express, postgress. Design event-based architecture for interactive gaming experiences.

K.D global Pvt LTD **May 2023 – July 2023**

Full Stack Developer *Noida, Uttarpardesh*

- Streamlined website functionality by integrating a user-friendly shopping feature tailored to students studying abroad, resulting in a 40% increase in user engagement.
- Completed a task including website related to students wants education in abroad.
- Developed a backend using Flask and MongoDB.

Beyond Imagination Technology Pvt Ltd. **Jan 2023 – May 2023**

Blockchain Developer Intern *Noida, Uttarpardesh*

- Enhanced Bit Memoir UI, introducing Certificate sharing as an NFT option, and adding a download feature, resulting in increased user engagement and satisfaction.
- Expanded Bit wallet app and extension network support by 30% reduced transaction processing time by 25% and improved security, lowering security incidents by 15% .
- Managed a process re-engineering project to improve and consolidate end-to-end service processes that results in increasing process efficiency by 20% .

Projects

Ecommerce-Shop | *Nestjs, Nextjs, typescript, AWS, Postgress* | Link

- Developed eCommerce site using Next.js frontend framework for seamless user experiences.
- Implemented robust backend functionality with Nest.js to handle complex business logic.
- Leveraged Next.js SSR (Server-Side Rendering) for improved performance.

Study Notion | *Nodejs, Express, typescript, Nextjs, Postgress* | Link

- Developed a backend using Node.js and Express.js, facilitating efficient data handling and secure user authentication.
- Enabled instructors to create, manage, and sell courses, offering an intuitive platform for course content upload and distribution.
- Facilitated a seamless buying experience for students, allowing them to browse, purchase, and access courses through a user-friendly interface.

shadow key | *Solidity, Hardhat, Ethers.js* | Link

- Created a system that generates unique, one-time stealth addresses, enabling users to mask their actual wallet addresses and maintain higher anonymity in cryptocurrency transactions.
- Integrated a mechanism to seamlessly forward funds from stealth addresses to the user's primary wallet. Transfer a small amount to the wallet generated for on-chain registration.
- Successfully showcased the project and won a hackathon on Devfolio, demonstrating innovative solutions for enhancing privacy in the cryptocurrency space.

Technical Skills

Languages: Python, C, C++, JavaScript, Typescript, SQL
Backend: Nodejs, Nestjs, Express, Postgress, Mongodb
Technologies/Frameworks AWS-EC2, AWS-ECS, Docker, Git, Linux