Uddeepta Raaj Kashyap

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EDUCATION

Thapar Institute of Enginering and Technology	Punjab, India
B.E Computer Science Engineering	*Aug. 2021 – Jun 2025*

EXPERIENCE

KoinX　　　　　　　　　　　　　　　　　　　　　　　　　　**Apr 2024 – Oct 2025**
Backend Developer (Intern)　　　　　　　　　　　　　　　　　　　*Remote, India*

- Integrated more than **15 major cryptocurrency exchanges** which includes ByBit, Bitget, Swyftx, Flitpay, Tron blockchain etc. for crypto tax calculations and portfolio management within a microservice architecture, utilizing **Node.js, NATS, Redis, and AWS.**
- Optimized **MongoDB** performance by implementing indexing and refactoring code into a scalable, object-oriented structure using the **Repository pattern.**
- Implemented extensive unit tests for APIs and services with **Mocha, Chai and Sinon**, improving code coverage and boosting bug detection capabilities.

Pixel Canine Studios　　　　　　　　　　　　　　　　　　　**Feb 2024 – Apr 2024**
FullStack Developer (Intern)　　　　　　　　　　　　　　　　　　*Remote, India*

- Developed and deployed Lotus Glades and Spread Home at PixelCanine, utilizing **Next.js, Sanity** for content management, **Shopify** for e-commerce, **Stripe** for payment processing, and integrated delivery partners.
- Executed comprehensive SEO strategies, resulting in a **40% improvement in SEO scores** and a significant increase in click-through rates.

When In My City　　　　　　　　　　　　　　　　　　　　　**Oct 2023 – Dec 2023**
Frontend Developer (Intern)　　　　　　　　　　　　　　　　　　*Remote, India*

- Built the User on-boarding flow using **Next.js, Prisma, and Planetscale** for database hosting.
- Enhanced events listicles feature in the app with React Native, integrating **Google Maps API** for real-time data updates.

PROJECTS

OreSense (TypeScript, NodeJS, MongoDB, WebSockets) Link

- (SIH'23 Hardware Winner) OreSense is a miner safety application involving real-time detection of miner location and camera feed using data from sensors attached to ESP32 and camera feed from Raspberry Pi.

Auctions (NodeJS, Serverless, DynamoDB, AWS-SES, AWS-SQS) Link

- Architected a scalable backend for Auctions leveraging Node.js and AWS services like Lambda, DynamoDB, and SQS; utilized serverless architecture with CloudFormation, S3, and CloudWatch for efficient resource management, boosting system efficiency.

ACHIEVEMENTS

- **Second Runners Up** in Blackrock Hackknight 2024 Hackathon for a ESG Analytics solutions system empowering Businesses and Investors with Data-Driven Insights.
- **SIH1511 Track Winner** in Smart India Hackathon 2023 for *OreSense*, a hardware tool designed to improve miner safety with real-time monitoring Link
- **RK789 Track Winner** in Smart India Hackathon 2022 for *Virddhi*, a children's app of age group 6-12 for their holistic development. Link
- **Defence Track Winner** at Makeathon 4.0 for a Bluetooth mesh communication system for defense areas. Link

SKILLS

- **Development**: Express, NodeJS, ReactJS, NextJS, React Native, Jest, NATS, RabbitMQ
- **Languages**: C/C++, Python, HTML/CSS, JavaScript, Typescript, Bash
- **Databases**: SQL, MongoDb, DynamoDB, Redis
- **Cloud/DevOps**: Docker, Kubernetes, AWS