

Pranav M S

Web3 || Full Stack Developer at Tvast IT Solutions

About Me

I am a highly skilled computer science professional with a strong foundation in software development. I received my B.E in Computer Science and Engineering from K S Institute of Technology in Bangalore, India, where I developed a passion for coding at a young age. Since then, I have completed a number of hobby projects and have worked as a developer on a proof-of-work based cryptocurrency called "ReCoal." My areas of expertise include blockchain and web3 development, mobile app development, and IoT-based automation. In addition, I have a keen interest in machine learning and pen testing and constantly seek out opportunities to learn more about AI-ML and security and vulnerabilities in software systems.

In my spare time, I enjoy participating in hackathons and meeting new people in the tech community. I am always looking for new challenges and ways to expand my skillset, and I believe that continuous learning is crucial for success in the fast-paced world of technology. I am confident that my strong technical skills and passion for problem-solving make me an asset to any team.

Education

K S Institute of Technology 2018 - 2022

Bachelors of Engineering in Computer Science
Bangalore, Karnataka, IN

MVJ Pre University College 2016 - 2018

Computer Science
Bangalore, Karnataka, IN

Technical Skills

MongoDB ExpressJS React React Native NodeJS
Python Solidity Java AWS Docker Shell Scripting
TypeScript Dart (Flutter) Truffle Ganache Polygon
Solana Web3

Work Experience

Tvast IT Solutions Bangalore, Karnataka, IN

SDE - I Sept 2022 - Present

- Developed User Applications for Companies like BECKN, Shell Petroleum, GreyMatterTech
- I helped to increase the efficiency of the engineering staff by introducing structure, procedures, and tools.
- I supported company-wide engineering projects and contributed to them.
- I worked with the engineering and product teams to ensure that our applications were technically sound, reliable, and easy to use.
- I analyzed the security of the applications we developed, tracking and addressing potential vulnerabilities.

Avalor Studios Mumbai, Maharashtra, IN

Jr. Blockchain Developer Mar 2022 - Jul 2022

- Developed smart contracts for various types of tokens on the Ethereum platform, including ERC-20 (fungible tokens), ERC-721 (non-fungible tokens), and ERC-1155 (a combination of both fungible and non-fungible tokens).
- Implemented automated testing using Mocha and Truffle Suite to ensure that the smart contracts function as intended and to catch any potential bugs or issues before deployment to the main Ethereum/Binance/Matic network.

Web3 Intern Jan 2022 - Mar 2022

- Responsible for developing Smart Contracts in various projects and Creating custom web3 libraries for Contract Interaction.
- Collaborated with technical staff in design, development, testing and implementation of 5 Web3 Projects.

BearTax Atlanta, Georgia, US

Web3 Developer Aug 2021 - Sep 2021

- Developed a Decentralized Medium-like article publishing platform using MERN Stack and Matic Network with IPFS.
- Developed a prototype for a Web3-based push notification service used to notify users about the latest posts.

Achievements

Best Use of Push Protocol | EthForAll 2023

Issued by EthForAll · Feb 2023

The EthForAll is a International event that provides hackers with the opportunity to develop innovative solutions to everyday problems using Web3/Blockchain Technology. Our team was able to win the [Best Use of Push Protocol](#) with our use of non-fungible tokens (NFTs) and blockchain technology. We built a platform that allows users to track and report any BLE Devices using Where's My App. Where's My App creates a network of Devices which enable users to track their lost items to any corner of the world.

2nd Prize Winner | Smart India Hackathon 2022

Issued by AICTE India · Aug 2022

The Smart India Hackathon is a national event that provides students with the opportunity to develop innovative solutions to everyday problems. Our team was able to secure second place in the Student Innovation Track with our use of non-fungible tokens (NFTs) and blockchain technology to address a real-world issue. We are proud of our achievement and grateful for the chance to showcase our skills and creativity. We were able to back the 2nd Prize for the Student Innovation Track under [Innovative solutions for real world problems using NFT and Blockchain.](#)

3rd Prize Winner | Aadhaar Hackathon 2021

Issued by UIDAI · Nov 2021

Aadhaar Hackathon 2021 is the first ever hackathon organized by UIDAI, where participants would be solving some of the challenges being faced by the Residents using Aadhaar. More than 3000 teams from all over India took part in the Hackathon. As the React Native developer for my team, I developed two apps - one for verifiers and one for residents - to help solve some of the challenges faced by Aadhaar users. Our goal was to reimagine authentication methods for the Unique Identification Authority of India (UIDAI). Our solution involved using WiFi P2P technology and facial recognition to confirm the identity of an individual while maintaining the privacy of their Aadhaar number. Our apps were successful in addressing this challenge, as our team placed third in the hackathon.

1st & 3rd Prize Winner | ETHOdyssey

Issued by ETHIndia · Aug 2021

We secured first place in the Polygon track and third place in the Filecoin track at [ETHOdyssey](#), a global Ethereum hackathon that is part of the ETHIndia Online Series. I am proud to have developed DeBuilds, a software marketplace that issues software licenses in the form of non-fungible tokens (NFTs) to users who purchase software on our platform. We also provide developers with an SDK that allows them to integrate our license authentication methods into their own projects. This achievement is a testament to our hard work and dedication to building innovative solutions within the Ethereum ecosystem.

1st Prize Winner | Hackbout 2.0

Issued by HackClub NMIT · Jun 2021

Secured first place at HackBout 2.0 presented by [Hack Club NMIT](#) which is one of the largest student organized hackathons in Bangalore. HackBout 2.0 aims to bring talented individuals, be it student or professional, to compete over 24 hours and develop innovative solutions to real world problems and provide a friendly yet competitive environment where teams can bring out the best in themselves.

Connect



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