

Krutartha Nagesh

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Skills

- C | C++ | Java | Python | Haskell | Racket | JavaScript | TypeScript | HTML | CSS | SQL | Bash | Dart | Git | PHP
- Tensorflow | PyTorch | Node | Firebase | React | Tailwind | Android Studio | ReactNative | Flutter | Express | jwt | HyperLedger
- UNIX | Vim | Jira | Trello | Agile | DevOps | L^AT_EX | UML | REST APIs | AWS | Web3.0 | English, Kannada, Hindi (fluent)
- Data Structures | Algorithms | Asymptomatic Analysis | OOP | Functional Programming | Discrete Math | Linear Algebra | Multi Agent Systems | Software Design | Blockchain | Systems & Network Programming | Operating Systems | Prob & Stats

Experience

Consultant ITS-Syracuse University **Syracuse, NY, USA 12/2022-Current**

- Serviced 75+ clientele(per week) with varied needs and backgrounds. Actively engaged clients to dynamically troubleshoot simple to complex issues and deliver quality resolves. Positively impacted client satisfaction and retention.
- Collaborated with a team of 30+ student consultants and 20+ Full Time Staff to achieve smooth operations and hit targets. Balanced a fast-paced work environment by identifying shortcomings, strengths, and by monitoring metrics. Maintained a Issue-to-Ticket Conversion Rate of >95%. Mastered tools like Jira, Cisco Finesse, and Webex in a short span.

Blockchain Developer Intern TraceX Technologies **Bengaluru, India 09/2020-01/2021**

- Received mentorship from a team of 10 Full Stack Developers. Experienced Agile/Scrum Methods to actively contribute to team's performance. Used MEAN stack to develop the flagship B2B Food Supply Chain Blockchain Solution.
- Attended 15+ sales negotiations to grasp nuances of product selling. Designed presentations and made valuable additions to sales pitch, improving conversion rate by ~10%. Performed JAD and Interviews to understand clients' requirements. Was an important force in driving the startup to raise its first \$1M in Series A.
- Worked closely with the CTO, CEO a on-contract HyperLedger Fabric expert. Learned the Framework in a very short time in order to improve timelines by 20% for the company. Used AWS, Go, Docker, Kubernetes to write, deploy, and test 20+ Smart Contracts for the flagship Blockchain solution.
- Coded 100+ REST API endpoints in Express and Node for all Smart Contracts. Implemented Token Based Authentication using JWT to authenticate requests. Designed Middleware to prioritize requests based on token signature and tweaked cache optimization to reduce server load. Quickly learned new technologies like CouchDB and LevelDB to adapt to the company's tech stack and needs. Used SwaggerUI to write API Documentation and wrote 100+ tests using Jest for said endpoints.

Full Stack Developer Intern Cisco **Bengaluru, India 08/2019-02/2020**

- Led a team of 5 students with varied technical backgrounds to build a FullStack Reddit styled notes sharing app using Android Studio, Material Design, and Firebase. Administered internal Alpha testing and Beta testing with 25 end users.
- Received mentorship from a FullStack Cisco Developer with MEAN expertise for the entire 6 months for areas ranging from software development to team management and product presentation.
- Collaborated with my team to handle common issues like skill gaps, merge conflicts, and bandwidth management.

Education

Bachelor of Science, Computer Science Syracuse University **Syracuse, NY, USA 01/2021-05/2025**

- 1870 Scholar | Full Tuition Merit Scholarship | Highest recognition by the Office of Admissions
- 3.93 GPA | Renée Crown Honors Program | Dean's List: Spring 2021, Fall 2021, Fall 2022, Spring 2023

International Baccalaureate Diploma Stonehill International School **Bengaluru, India 08/2018-05/2020**

- 4.0 GPA | 50% Tuition and Boarding Merit Scholarship | Research on impact of blockchain technologies on modern economies

Projects

- MyAIGround – AI Playground Dashboard for all my GAN, NLP, NN, and RNNs, and Image Classifier Models
- Automations – Bash Scripting Automations for Github Project Workflows, L^AT_EXWorkflows, and Web Scraping
- Young Hindu Creators Collective – Full Stack(MERN) Blog for sharing content by Hindu youth across North America

Others

- Tau Beta Pi – Oldest engineering honor society and the second oldest collegiate honor society in the United States.
- IEEE – Professional association for electronics, electrical engineering, and related disciplines.
- President, Hindu YUVA (Youth for Unity, Virtues, and Actions) Chapter at Syracuse University
- Oak Codefest Hackathon – Grand Prize Winner,2020 for building Travelling Salesman Problem based Travel Itinerary App.
- Oak Codefest Hackathon – First Runner up, 2019 for building a Liquid Galaxy based CNN for geography students
- Technological Innovation Award, Stonehill International School. Given to one student who made impactful tech contributions