

ANAND BABURAJAN

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EDUCATION

Government Engineering College, Sreekrishnapuram

B.Tech in Computer Science and Engineering

Aug 2017 – Jul 2021

Palakkad, Kerala

EXPERIENCE

HackerRank

Software Engineer Intern

Jul 2021 – Dec 2021

Remote

- Made HackerRank Interviews more accessible by building a Slack integration on AWS Lambda with Node.js
- Delighted customers and improved conversion rates by building several features with React.js and Rails

RocketMeet

Founder and Team Lead

Nov 2020 – May 2021

Remote

- Made finding the best time for team meetings and one-on-ones faster with RocketMeet
- Led a team of 6 members and 5+ open source contributors to build the free and open source tool
- Built a RESTful service connected to MongoDB with Express.js and Mongoose to manage polls
- Designed and developed some web pages and UI components for the Next.js GUI

LiberTEM, Python Software Foundation

Google Summer of Code Developer

Jun 2020 – Aug 2020

Remote

- Developed a feature for sync offset correction to handle sync/acquisition issues in 4D STEM
- Enhanced the pipeline to allow reshaping binary datasets in 10 formats using Python and NumPy
- Built a feature to get the coordinates of a data tile/partition slice for applications such as Ptychography
- Fixed several bugs and made usability improvements in the React.js GUI

TECHNICAL SKILLS

- Languages: Python, JavaScript, TypeScript, C++
- Libraries/Frameworks: Node.js, NumPy, pytest, Flask, Express.js, React.js, Mongoose, Next.js, Jest
- OS/Platforms/Databases: Linux, Docker, Firebase, Heroku, AWS Lambda, NoSQL, MySQL
- Tools: Git, Jupyter Notebook, GitHub Actions, Wireshark

LEADERSHIP

FOSS OpenHack

Program Manager and Mentor

Sep 2020 – Feb 2021

Remote

- Launched and led the program with 75+ students and 10+ mentors participating from across India
- Mentored 25+ students building 10+ projects and contributing to 5 major open source projects