Akash Ravi

CONTACT

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WORK EXPERIENCE

PSG Software Technologies   Mar 2018 — May 2018

Software Engineering Intern

- Contributed towards building a university management suite.
- Worked on the MEAN stack, React Native and AWS servers.
- Exposure to DevOps and Agile methodologies.

Hasura   Dec 2017 — Feb 2018

Product Development Fellowship

- Built a payment gateway and a merchant account portal using Stripe APIs.
- Worked on the Express.JS framework.
- Awarded the "Distinguished Fellow" status, recognizing exemplary performance.

EDUCATION

B.Tech (Hons), CSE   2016 — 2020

Amrita School of Engineering, Coimbatore

CGPA: 9.65 / 10

Honors & Awards:

1. Participated in ICPC India Regionals 2018 at Chennai and Gwalior
2. Among the top 10 teams in Smart India Hackathon - 2018, Students Innovation
3. Google India Challenge Scholarship Recipient - Mobile Web Specialist track
4. Amrita Merit Scholarship Recipient (90% fee waiver)
5. 2nd place in the event "Code Wars" (Anokha 2018)
6. 2nd place in IAMAI Mobile 10X Hackathon
7. 2nd place in the event "The Fault in our Codes" (Anokha 2017)
8. Runner up in War of Wits quiz (CSI)
9. Shortlisted for onsite participation in GE Digital IIoT Hackathon, Zafin-Tech Hackathon, and various other national level contests.

SKILLS AND QUALIFICATIONS

Areas of Interest:

Full-Stack Development, Cyber Security, Cloud Computing, Data Analytics

Languages and Frameworks:

C++, Python, Java, JavaScript, Express.js, React Native, Angular, Flask, Firebase, Scikit-learn, Metasploit, etc.

Tools and Technologies:

Mongo DB, MySQL, Nginx, PuTTY, Selenium, Postman, Packet Tracer, IDA Pro, etc.

Certifications and MOOCs:

1. Introduction to Modern Application Development NPTEL Certification - IIT Madras, Hasura
2. CCDSAP (CodeChef Certified Data Structure & Algorithms Program) - Foundation Level
3. The Complete Ethical Hacking Course - Udemy
4. NDG Linux Essentials - Cisco Networking Academy
5. Cybersecurity Essentials - Cisco Networking Academy
6. Python for Data Science - DataCamp

WORK SAMPLES AND PROJECTS

- **Projects:**

  1. Techtocore DigiVault (Encryption software for PCs)
  2. AgroMonk (Android app for crop prediction and trade)
  3. Magneto Hydrodynamic Propulsion Engine
  4. Smart Ambulance Booking app
  5. Vriksha - An end to end eCommerce and logistics management solution

- **GitHub Profile (FOSS contributions)**:   https://github.com/techtocore

- **Competitive Programming Profile**:   https://www.stopstalk.com/user/profile/akashravi

VOLUNTEER EXPERIENCE

1. Conducted an ICPC styled contest on behalf of the campus' Codechef chapter
2. Campus ambassador for Internshala
3. Conducted a workshop on building a messaging app on the MEAN stack
4. Worked as an event manager during Anokha 2018

TRAININGS & WORKSHOPS

- ICPC Training Bootcamp by a former world finalist.
- Ethical Hacking and Information Security workshop at IISC, Bangalore
- IoT - Smart Grid Automation workshop at NIT Trichy
- E-Hack and Cyber Scene Investigation workshop by Infysec
- QEEE course on Operating Systems by IIT Madras