Anand Jagadeesh
Artificial Intelligence Engineer

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Dynamic and creative postgraduate student pursuing a masters in Artificial Intelligence with 3.9 years of experience collaborating with teams and leading project teams producing robust code for leading industry products and looking for starting a career in a reputed company that values dedication and sincere efforts, in the field of artificial intelligence and machine learning

Areas of Expertise

- Software Development and DevOps
- Problem Solving and Logical Thinking
- Project and Program Management
- Innovation and Research
- Written and Verbal Communication
- Team and Service Oriented

Technical Skills

Operating Systems:
Windows, GNU/Linux, UNIX and Android

Languages:
Python, C, C++, Java, BASH and LaTeX

Frameworks:
Python Flask and Python Django

Databases:
MySQL, PostgreSQL and SQLite

DevOps and Process Tools:
Jira, Git, MS Project and Confluence

Other Tools and Framework:
AWS, IBM Cloud, Docker and Kubernetes

Work Experience

Software Engineer II — Jul 2017 — Jun 2021
Dell Technologies (Dell EMC) — Bangalore, KA, IN

- Led project for the Juniper release for the features related to the remote replication product (SRDF) for a leading storage array, PowerMax, collaborating with different teams to deliver the project in time
- Contributed to the code base in-time for the Elm, Hickory and Juniper releases of PowerMax OS and worked closely with teams to document the code changes and engineering processes used within the team
- Primary technologies and focus areas: Operating Systems, Drivers, C, C++, Python, Jira, Confluence and Git

Summer Intern — Jul 2015
Veristics Networks Pvt.Ltd. — Thiruvananthapuram, KL, IN

- Trained by the product team for VINGS-SMS consumer bulk SMS platform and received training on front-end and back-end technologies development
- Primary technologies and focus areas: Java, HTML, JSP, ASPX and NodeJS

Co-Founder and Software Development Engineer — Feb 2014 — Mar 2015
Enbitree Innovations — Cochin, KL, IN

- Founded the startup and was actively involved in its technological and software development activities and the start-up focused on web application development and ERP solutions for educational institutions

Education

Bachelor of Technology in CSE, Mahatma Gandhi University, KL, IN, GPA: 8.22/10.00 (First Class with Honours) — **Aug 2013 — May 2017**
XII Grade in PCMC (AISSCE), Central Board of Secondary Education, IN, Percentage: 89.2% — **May 2013**

Academic Projects

Wirio: A native system for periodic user re-authentication — Nov 2016 — Mar 2017
- A native software that tries to continuously monitor the user's behaviour, specifically the mouse movements and key strokes and mouse hot spots on the screen and customize the display layouts to adapt to the user's preferences automatically
- The system also performs automatic periodic re-authentication to ensure the user currently using is not a malicious impostor
- The platforms and technologies used were Python, PyQT, Linux-Kernel and Python-SciKit

Attila: A software vulnerability analysis tool for Linux — 2016
- A system-tray based application for Linux based systems that automates the vulnerability analysis of the system and gives a report of the vulnerabilities present in the system, periodically using the CVE database
- The platforms and technologies used were Python, PyQT and XML

Professional Memberships and Affiliations

- IEEE (2014 - Present)
- IEEE Computer Society (2014 — Present)
- Internet Society (2016 — Present)
- ACM (2016 - Present)
- Institute of Engineers (India) (2020 — Present)

Certifications and Badges

- Chartered Engineer (India) - Institute of Engineers (India)
- Gamification for Interactive Learning - LinkedIn Learning
- AI Accountability Essential Training - LinkedIn Learning
- Jira Fundamentals Badge - Atlassian
- Data and AI Essentials Badge - IBM
- Dell EMC Educated Modern Data Center - Dell EMC
- IBM Cloud Kubernetes Service - IBM (CognitiveClass.ai)
- Introduction to Intel® Distribution of OpenVINO™ toolkit for Computer Vision Applications - Coursera
- Hands-on PCI Express 4.0 - MindShare, Inc.

Awards and Honors

IEEE Computer Society Richard E. Merwin Scholarship   **Apr 2016**

Received the scholarship, which is awarded to 40 students globally every year by the society, for academic achievements and volunteering in leadership roles with IEEE and IEEE Computer Society initiatives and activities

CSE Best Outgoing Student Award 2017   **Apr 2017**

Received the award from Department of Computer Science and Engineering, FISAT, Kerala, India, to recognize the contributions to the department's activities, academic achievements and extra-curricular activities

Position of Responsibilities Held

Chapter Secretary, IEEE Computer Society Bangalore Chapter   **Jan 2019 — Jun 2021**

Coordinated and led the professional and university relations activities of the chapter for 2.5 years, focusing on providing quality resources to the professional community and to the student community of IEEE Bangalore Section. During the tenure, the chapter was recognized globally as Outstanding Chapter 2019 by IEEE Computer Society Headquarters

Student Activities Coordinator, IEEE Computer Society Bangalore Chapter   **Jan 2018 — Dec 2018**

Coordinated the student activities of the chapter, helping to bridge the gaps between the chapter and the student chapters in the section and hosting events and meetings for the student community of IEEE Bangalore Section. Helped the student chapters to collaborate and become active and helped bring more REM Student Scholarships to IEEE Bangalore Section

Founding Chair, ACM Student Chapter, Federal Institute of Science and Technology   **Aug 2016 — Aug 2017**

Coordinated the student activities of the chapter, organizing events and conducting meetups to help the student members of the chapter to advance their technical skills and create collaborative platform for student chapters in the neighbourhood. The activities helped build the membership base and helped make the chapter self-sustaining

Chair, IEEE Computer Society Student Branch Chapter, Federal Institute of Science and Technology   **Mar 2015 — Mar 2016**

Led the activities of the chapter and conducted collaborative events that helped connect with other student chapters, providing the chapter's members a great platform to advance their technical and techno-managerial skills which helped in the total membership base to grow in the 2 year period making the chapter self-sustaining

Language Skills

- **English**
  Professional Working Proficiency | IELTS Score — 8.0
- **Malayalam**
  Native/Bilingual Proficiency
- **Hindi**
  Limited Working Proficiency

Hobbies and Activities

- Photography
- Blogging
- Public Speaking
- Creative Writing
- Cooking
- Digital Marketing

References

Dr. Prasad J. C.

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Mr. Krishnamoorthy Anantharaman

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