

Prajit Kumar Das

Engineering Manager

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Engineering Manager, seeking Senior Leadership roles. With fifteen years of experience working on large and complex software systems. Ability to lead with emotional intelligence, capable of hiring, mentoring, motivating, and team building for developing software products. Achievement-oriented, adaptable, and organizationally aware manager, passionate about delivering products with significant customer impact.

SKILLS

Management – Product Management, Hiring and mentoring Software Developers, Technical Product Managers and Technical Product Owners, Cross-functional team collaboration, Agile product development.

Domain – SAML 2.0, Single Sign-On, Multi-Factor Authentication, Duo Two-Factor Authentication, Role-based Access Control, Attribute-based Access Control, Authentication, Authorization and Auditing, Identity and Access Management, Cybersecurity, Mobile Privacy, and Security

Platforms and tools – Linux, Android, proprietary automation platforms, IntelliJ Suite, VSCode, Git

Languages – Java, Python, Go, Unix Shell

Full-stack – MySQL, MariaDB, NoSQL, ReactJS, CSS, PHP, Bootstrap, HTML5

WORK EXPERIENCE

Engineering Manager @ Cisco Systems Inc., USA

Oct 2021 – Present

- I manage a team of twenty-two Software Developers, Contractors, Technical Product Managers, and Technical Product Owners in Cisco's Security Business Group. I hired and built more than 50% of this team to date.
- I lead the design, development, automated testing, continuous integration, and deployments of Network Security Device Managers and Artificial Intelligence agents.
- I have delivered features like SAML 2.0, deployment and integration of an Artificial Intelligence Agent that uses Large Language Models for responding to queries and requests for Network Configuration Management, and FedRamp certification of Cisco's products.
- I collaborate, coordinate, and ensure compliance of our security products with the Cisco Product Security Baseline standards and resolve issues discovered by the Product Security Incident Report team. This resulted in several million dollars in contract approvals from Cisco's partners.
- I work on the g11n internationalization of our software to increase Cisco products' market outreach.

Technical Product Manager @ Cisco Systems Inc., USA

Jan 2019 – Sep 2021

- Led the development of the key feature of Single Sign-on using SAML 2.0 and increased adoption of the FMC product by 25%.
- Helped bring in \$11 million in revenue by delivering high-priority customer requests quickly.

Software Engineer @ Cisco Systems Inc., USA

Sep 2017 – Dec 2018

- Worked on designing, developing, and testing software for Cisco's security product portfolio.

Cybersecurity Researcher @ UMBC Ebiquery Research Group, USA

Aug 2010 – Aug 2017

- Invented a context-dependent access control methodology for Android using Semantic Web technologies.
- Created a custom Android operating system that could be deployed on a mobile device to perform context-dependent access control.

Software Engineer @ Tata Consultancy Services

Sep 2007 – Apr 2010

- Developed API clients and carried out ETL operations using PL/SQL.

EDUCATION

Doctorate in Computer Science, UMBC, USA

2010 – 2017

Bachelor's in Information Technology, JU, India

2003 – 2007