


BARANI RAMAKOTI

[Legal Name: **Baranidharan Ramakoti**]

 <https://barani-ramakoti.github.io>

14+ years of experience having the Head of a Software Engineer, Heart of an Engineering Manager, Hands of a Team Player

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Senior IAM Engineer

Thomson Reuters, Toronto, ON, Canada

July 2022 – Present

CyberArk PAS, Python, Powershell, Snowflake, PowerBI, Airflow, Splunk, Git, Azure DevOps

- Plan, Design, Build and Manage the Enterprise PAM Tool – CyberArk PASBuild integrations and automation for Reporting, Audit and Regulatory compliance
- Implement Data-Driven approach and processes for identification and mitigation of risks working with Data Engineering and Data Sciences team to drive major remediation tasks.
- Work with different business Applications team to enforce least privilege and privilege access principles
- Act as an SME within the team and Technical Mentor for Junior Engineers

Staff Engineer

SecurityScorecard, Toronto, ON, Canada

SecurityScorecard Platform's Rating Technology is used by organizations for self-monitoring, third-party risk management, board reporting, and cyber insurance underwriting.

July 2021 – July 2022

NodeJS, React, Redux, PostgreSQL, MongoDB, REST APIs, Javascript, Typescript, AuthN/AuthZ, IdP, SAML, OAuth2, OpenID Connect, FIDO2, SCIM, Amazon Web Services (AWS), Git, Jenkins, Terraform, Azure DevOps, DataDog

- Designed and developed features as part of Shared Services including Contact Mgmt, Tagging and Portfolio Mgmt and Database Migration from MongoDB to PostgreSQL
- Architect and build services as part of CIAM framework to support OAuth2, OIDC, SAML2, LDAP, FIDO2 and other Federated Authentication methods and standards
- Act as a Subject Matter Expert for Shared Services and public/private APIs and perform performance tuning for API Endpoints with heavy usage.
- Introduced periodic synthetic testing of the platform through Datadog to identify performance bottlenecks and lead the effort to action those.
- Managed and led a global team of 10+ developers/engineers.

Senior Manager, PAM Integrations and Development

– Global Identity and Access Management

Scotiabank, Toronto, ON, Canada

September 2019 – July 2021

Java, Python, NodeJS, Powershell, Shell, SIEM tools (Splunk, QRadar and Securonix), All Unix OS (AIX, RHEL, Solaris, CentOS, OpenSUSE, Ubuntu etc.), Eclipse, Centrify Privileged Access Solution (PAS), Git, Azure DevOps, Jenkins, JIRA, BitBucket, Confluence

- Led and managed a team of 6+ developers – Project Budgeting, Time and Resource allocations, Performance Management, etc.
- Developed and implemented major integrations, tooling and automation for apps/resources to integrate with PAM solutions.
- Liaison with SOC and RED teams for defense in depth and security incidents.
- Set up alerts and monitors, zero-trust identity implementation and worked on identity threat remediation

September 2018 – July 2019 : Information Security Analyst Advisory

- Successfully led the implementation and deployment of an Enterprise-wide Privileged Access Management tool across all Environments in 6 months timeline.
- Strategized the migration of the privileged accounts from a legacy PAM tool to the newly deployed one.

Specialist, Production Applications

CIBC, Toronto, ON, Canada

December 2017 – September 2018

Java, Oracle, TOAD/DBVisualizer, Eclipse, Shell Scripts, Sun Solaris OS, RHEL, Log Analyzer tools viz., ArcSight, DevOps, Splunk, IBM BlueMix, UrbanCode, Jenkins etc.

- Built Monitoring and Automation Tools for all the manual processes such as Health Check Monitoring, SSL Certificates Tracking, JDBC Connection Pools, Oracle DB Performance.
- Act as an SME for applications supported by the group and engage in proactively monitoring and identifying possible issues.
- Perform Impact analysis to all upcoming changes and provide detailed RCAs for executives for any production incidents.

Member Technical Staff

Zoho Corporation, Chennai, India

February 2010 – August 2017

- Product: Password Manager Pro – Privileged Access Management
Java/J2EE Technologies, JSP, Servlets, JCE, jQuery, JavaScript, EmberJS, NodeJS, Eclipse, Hg(Mercurial), CVS, Microsoft Visual Studio, WiX ToolSet for InstallShield, Add-In Express
 - Full Stack Developer – architected, designed and developed features
 - Performed DevOps activities for packaging the product
 - Write and implement business logic, browser plugin-ins, UI components, frameworks
- Product: ServiceDesk Plus – ITSM solution
JSP, Servlets, JCE, jQuery, JavaScript, Eclipse, Hg(Mercurial), C++
 - Worked on migrating internal Server and UI framework used for Audit, AuthN, AuthZ, ORM and Logging from a legacy one to a new one built over Java and EmberJS
 - Part of a team of 100+ product developers
 - Mentored developers on Secure Coding Practices and Framework changes. Implemented Code Designing processes and tools for Lint, SAST and DAST
- Product: ServiceDesk OnDemand – ITSM solution On Cloud
 - Developed O365, Slack and JIRA Integrations
 - O365 Calendar integration with in-product ITSM Calendar
 - Built integration with Graph APIs for Outlook Mail Add-in
 - Mentored 2 Junior Engineers

ACHIEVEMENTS

- Thomson Reuters: Employee Appreciate Awards for all quarters
- Scotiabank: Best-of-the-Best – 2019/20
- CIBC: Q2 Achiever – 2018

CERTIFICATIONS

- CISSP – Certified Information Systems Security Professional - (ISC)², April 2024

EDUCATION

- Masters in Computer Applications (MCA); University of Madras, India ; 2006-09
- Bachelor of Science(Honours) in Mathematics ; Sri Sathya Sai University, India ; 2002-05