

BARANI RAMAKOTI

[Legal Name: **Baranidharan Ramakoti**]

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

- ✚ 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

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)

- ✚ 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.

Senior Manager, PAM Integrations and Development – Global Identity and Access Management

Scotiabank, Toronto, ON, Canada

September 2018 – Present

Java, Python, NodeJS, Powershell, Shell, SIEM tools, All Unix OS (AIX, RHEL, Solaris, CentOS, OpenSUSE, Ubuntu etc.), Eclipse, Centrify Privileged Access Solution (PAS)

- ✚ Implemented and maintained Centrify Privileged Access Solution(PAS) for the bank, developed PAM/IAM Processes
- ✚ 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.

Specialist, Production Applications

CIBC, Toronto, ON, Canada

December 2017 – Present

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

ACHIEVEMENTS

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

CERTIFICATION

- ✚ 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