

Parvathy Kannankumarath Madom Krishnan

937, N 2nd Street, San Jose, CA 95112

(408)714-9213

parvathy.kannankumarathmadomkrishnan@sjsu.edu

<https://github.com/parvathysjsu>

<https://www.linkedin.com/in/parvathy-krishnan>

EDUCATION

Master of Science, Software Engineering	Aug 2019 – Present
<ul style="list-style-type: none">San Jose State University, San Jose, CACourses: Enterprise Software, Cloud Technologies, Virtualization Technologies, Software Security, Web UI Design	GPA: 3.675
Bachelor of Technology, Computer Science and Engineering	Jul 2010 - May 2014
<ul style="list-style-type: none">University of Calicut, India	GPA: 3.44

SKILLS

Languages: Java, JavaScript, Python, C, C++, Groovy Script, SQL, HTML5, XSL, BML
Technologies: MVC, Domain driven design, REST, SOAP, Node.js, XML, JSON, SOA, Design Patterns, Siebel Tools, GIT, SVN, Oracle ADE, AWS, Docker, Jira
DB: SQL, MongoDB

EXPERIENCE

Senior Applications Engineer, Oracle, India	Sep 2017 – Jun 2019
<ul style="list-style-type: none">Designed and implemented various features for Oracle Cloud Communications Industry Solutions – An integration between cloud applications: CRM, billing, quoting and commerce.Developed a unified user interface for enterprise sales catalog management from which customers can deploy and manage product catalog repository and publish them to various Oracle cloud applications.Built a REST API that conforms to TMForum open API standards based on domain-driven design approach using NodeJSTechnology used: NodeJS, REST, HTML, JavaScript, BML	
Applications Engineer, Oracle, India	Jun 2014 - Sep 2017
<ul style="list-style-type: none">Implemented solution to integrate Oracle Fusion and Siebel OnPrem to aid in renewal of expiring contracts, tracking revenue and key performance metrics and managing profiles.Formulated a workflow using Siebel Tools to send reminders for expiring contracts.Technology used: Siebel Tools, SOA, XSL, Python, Java	

ACADEMIC PROJECTS

Decentralized Voting App using Blockchain, SJSU	https://github.com/parvathysjsu/DeCent-Vote
<ul style="list-style-type: none">Web-based decentralized voting application using blockchain mechanism.Technology: IBM Blockchain Platform, Hyperledger Fabric, Vue.js, Node.js	
Mobile Test Service Platform MobileTaaS, SJSU	https://github.com/parvathysjsu/MobileTaaS
<ul style="list-style-type: none">MobileTaaS provides crowd-sourced mobile testing services for mobile apps. Let's Chat open source chatting application integrated with this appTechnology: NodeJS, MongoDB	
Virtualization: Instrumentation via hypercall, SJSU	https://github.com/parvathysjsu/linux
<ul style="list-style-type: none">Modified KVM for new functionality during VirtualizationImplemented new leaf nodes for CPUID instruction	