

# Steven Rosendahl

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## Skills

Fullstack Development • Systems Architecture • Security and Compliance • People Management  
Python • Typescript • Java • React • Angular • Node • Lua •  $\text{\LaTeX}$   
PostgreSQL • Redis • Terraform • Docker • AWS

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## Work Experience

### I. Capital Rx • November 2021 - Present

- Developed IAM infrastructure for controlling access to prescription healthcare data
  - Allowed third party services to securely login to both member facing and administrative tools via SAML 2.0
  - Provided member emulation functionality to support auditing requirements
  - Worked closely with IT/SEC to determine root cause of and mitigate security incidents
- Led a team of developers to create data driven whitelabeling for customer facing products
  - Architected extensible system that allowed for database records to control custom functionality and UI for individual clients
  - Worked with clients and project managers to help align business requirements with technical requirements
  - Oversaw efforts to meet WCAG2.1 standards in member facing tools
- Supported development and deployment of on-demand claim processing built on AWS lambda
- Managed several direct reports across multiple teams and domains including finance, prior authorization, and eligibility processing

### II. In-Situ Inc. • July 2018 - November 2021

- Developed globally used water monitoring application using Angular/Typescript
  - Presented time series data in user-friendly graphs and charts
  - Worked closely with UX teams to provide a sensible, self-documenting interface
  - Assisted in upgrading from AngularJS to Angular
  - Assisted in upgrading from Python 2.7 to Python 3.8+
- Developed API backed to translate hardware provided data into consumable JSON
  - Developed parsers to receive binary data and transform it into time series data
  - Orchestrated services on Google App Engine
  - Integrated with (S)FTP servers to store and retrieve data
- Helped maintain Ubuntu-based Amazon EC2 instances
- Integrated closely with 3<sup>rd</sup> billing vendors while maintaining PCI compliant codebase
- Worked with team to create and implement a self-signup flow for the application
- Helped plan and organize sprints and deliverable goals across multiple teams

### III. Circadence • May 2017 - July 2018

- Worked on support application for cyber security training video game
- Developed algorithms to automate configuration of SaltStack states on virtual machines
- Collaborated with various teams to build software for clients around the world
- Created content for single-topic training games
- Assisted in setting up large cyber ranges using SaltStack

### IV. MyNewLeaf, LLC • January 2016 - May 2017

- Developed Android application from start to current release
- Collaborated with a team of designers, managers, and programmers to develop Android version of an iOS application
- Built REST APIs using Flask and Node.js

- Contributed to UI design process by storyboarding Android version of application

## V. National Aeronautics and Space Administration (NASA) • November 2015 - May 2017

- Developed Android applications for Google Glass, Vuzix M100, and Recon Jet headsets as well as tablets and phones
- Worked closely with a university professor to plan, create, and design an augmented reality application used to assist laser operators in a laboratory setting
- Designed a universal application using Bluetooth and WiFi technologies to communicate between a large array of devices
- Participated in laser safety training and received laser operator certification

## VI. Christopher Newport University • September 2014 - May 2017

- Calculus Assistant (Spring Semester 2017)
  - Aided differential calculus students with material from the course
  - Collaborated with professor to write and grade both tests and homeworks
  - Provided office hours for students who required extra help
- Tutor for the Center for Academic Success (Fall Semester 2015 - Fall Semester 2016)
  - Tutored several subjects including Mathematics, Computer Engineering, and Computer Science
  - Participated in both one on one tutoring and group tutoring
  - Created various resources for other tutors
  - Participated in group training exercises to receive tutor certification
- IT Customer Service Representative (Fall Semester 2014 - Spring Semester 2016)
  - Aided customers with various software related IT issues including troubleshooting software and repairing malfunctioning hardware
  - Assisted technicians with tasks such as installing hardware

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## Education

### I. Christopher Newport University • August 2013 - May 2017

Bachelors of Science — Mathematics · Bachelors of Science — Computer Science · 3.7 GPA

- Community Involvement and Accomplishments
  - Inducted into the Virginia Mu chapter of Pi Mu Epsilon
  - Served as secretary for the Society of Physics club
  - Served as secretary and vice president for Math club
- Relevant coursework includes
  - Computer Science Education
 

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|------------------------|-----------------------------|-------------------------------|
| Android Programming    | C++ Programming             | Java Programming              |
| UNIX Operating Systems | Software Design             | Programming Language Concepts |
| Data Structures        | Algorithms                  | Computer Hardware and Design  |
| Discrete Mathematics   | Writing and Computer Ethics |                               |
  - Mathematics Education
 

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|--|------------------------|---------------------------------|
| Calculus I - IV                            | Linear Algebra         | Real Analysis                   |
| Group Theory                               | Differential Equations | Technical Writing with $\LaTeX$ |
| Proofs and Discrete Mathematics            | Number Theory          | $p$ -adic Analysis              |
| Research in Partial Differential Equations | Mathematical Modeling  | Programming in Mathematica      |
| Graph Theory and Combinatorics             | Complex Analysis       | Introductory Topology           |

References available upon request.