

# VIKRAM SHARMA

Active TS/SCI Security Clearance

Chantilly, VA 20152 · [email](#) | [linkedin](#) | [portfolio](#) | [blog](#) · (202) 577-6303

## SUMMARY

Six years of experience in hardware development, three years of experience in software engineering. My interpersonal skills, desires to solve problems, and passions for web application engineering come together - allowing me to see every development challenge as a puzzle. Combining all of my skill-sets inspires me to lead a team towards creating streamlined and data-driven solutions.

## SKILLS

- |              |            |              |              |        |
|--------------|------------|--------------|--------------|--------|
| • Java       | • Express  | • PostgreSQL | • MongoDB    | • CSS  |
| • Javascript | • REST API | • SQLite     | • Bash       | • HTML |
| • Node       | • React    | • Ruby       | • PowerShell | • Git  |

## PROFESSIONAL EXPERIENCE

### SURVICE ENGINEERING

May 2020 - Present

#### *Software Engineer*

- Comply with Impact Level IV security STIGs while writing and maintaining code
- Spearhead search engine optimization effort using MySQL, PHP, and Apache to display refined search results
- Contribute to a military research tool using SenchaJS, HTML and CSS
- Support development efforts on the DSIAC website with PHP, WordPress, HTML and CSS

### GENERAL ASSEMBLY

January 2020 - April 2020

#### *Software Engineer Fellow*

- Learned advanced coding principles to be used “in the wild” in the workforce as a software engineer
- Pioneered a study-hall group for the class and actively led homework discussions and pair programming sessions
- Designed and developed 20 web applications using Linux operating systems from the ground up

### BLACKHAT TECHNOLOGY

September 2015 - Present

#### *Owner & Founder*

- Facilitated and customized client projects from an initial consultation to an up-and-running PC
- Offered extended support and services such as technical support, water cooling installation, and cable management
- Specialized in building crypto-currency mining computers during the crypto “boom”

## PROJECTS

### DSIAC/DSIMS | [link](#)

June 2020 - Present

#### *Customer-facing WordPress page and back-end SQL database for Technical Inquiry data processed through DSIAC*

- Maintained WordPress page as well as the back-end via Windows Remote Desktop
- Scripted batch file operations via PowerShell to extend returned search data in DSIMS and parse attachments
- Assisted in efforts to migrate the DSIMS Windows VM to a Linux environment for future development

### MOON RIVER APPLICATION | [link](#)

April 2020

#### *Jazz music blog inspired by Frank Sinatra, with an API built in the Sinatra Ruby framework*

- Self-taught and developed an API in the Sinatra Ruby framework
- Used PostgreSQL in the API to serve JSON objects to a React front-end app via REST routes
- Developed full CRUD functionality in the API to facilitate future expansion of the front-end

### STOMPING GROUNDS APPLICATION | [link](#)

March 2020

#### *E-commerce React application that allows consumers to show different styles of boots based on their preferences*

- Led a team to meet the MVP standards within a 3 day timeline via Agile and GitHub
- Developed an API to serve JSON objects to the front end React-based application using REST routes
- Completed full CRUD functionality linked to the front-end via asynchronous functions

## EDUCATION

GENERAL ASSEMBLY, Chantilly, VA

January 2020 - April 2020

NORTHERN VIRGINIA COMMUNITY COLLEGE, Sterling, VA

January 2017 - Present