

# BIPUL PAUDEL

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## CAREER OBJECTIVE

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Motivated graduate within the Information Technology & Services industry with extensive experience across various technologies and client-facing roles. Looking for a software-based role within an organization that values personal growth as well as shared growth. I am very passionate about technology and am seeking a position where I could utilize my skillsets to solve client problems, develop client relationships, and learn technical skills along the way

## EDUCATION

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**Virginia Commonwealth University, School of Business**

**Richmond, VA**

**Bachelor of Science: Information Systems, Major GPA: 3.800 | Cumulative GPA: 3.394**

**December 2020**

**Relevant Coursework:** Security Topics (DOD 8570 IAT II), Data Mining, Programming (C#), Networking, IT Auditing, System Design and Analysis

## TECHNICAL SKILLS AND CERTIFICATIONS

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**Incident Response:** Log Analysis, Network Forensics (Nmap), Creating and Implementing Disaster Recovery Plans

**Application Security:** Wireshark, OS Hardening (Tripwire)

**Threat Detection:** Intrusion detection, SIEM, Malware detection, Antivirus, and Firewall implementation

**Security Governance:** Familiarity with NIST 800-53, NIST CSF, CIS Controls, COBIT

**DevSecOps:** Security Architecture, Secure Code Reviews, System Development Life Cycles (i.e. Waterfall, Agile), Programming (i.e. JavaScript, JAVA, SQL), and Security Automation

**Certifications:** Security+ (pending)

**Software and Operating Systems:** Virtual Environment (VMware, VirtualBox), UNIX (Kali Linux, Mainframe, Ubuntu, macOS), NodeJS, Angular, Express, Microsoft Office Suite (Excel, Word, PowerPoint), Windows OS (Server 2016, Windows 7/10), ArcGIS

## RELEVANT IT EXPERIENCE

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**Angular and NodeJS- Certification**

**February 2021- April 2021**

**Tata Consultancy Services-ILP**

- Developed a food delivery web- application using Angular
- Developed a fully scaled back-end admin and customer system utilizing NodeJS and ExpressJS
- Implemented MongoDB to store admin panel data and update front-end website in real-time

**Web Developer, Special Eyebrows and Hair Salon**

**Charlottesville, VA**

**January 2019 - August 2019**

- Developed a functional website for the business using HTML 5 and CSS3 and set up a digital online presence
- Integrated a form-based appointment system for the business website, increasing the customer base by 20%
- Utilized Google AdWords to target demographic and promoted the business within the local community

**Web Developer, Special Eyebrows**

**Richmond, VA**

**June 2017 - November 2018**

- Developed website for the business with WordPress including an interactive contact page with Google map
- Conducted research on keywords to incorporate on the website to rehabilitate business for more customer traction
- Collected and input sales data into Excel for accounting and tax purposes

## RELEVANT PROJECTS

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### Senior Capstone Project - Virginia Department of Transportation Fall 2020

- Developed a geo-database with parcel ownership information for the future implementation of fiber optics
- Utilized an agile approach with Kanban organization for each element of the solution delivery process

### Hands-on Linux Project Fall 2019

- Developed an interactive, mobile-friendly website using SSH to connect to a Linux Server
- Incorporated elements of semantic markup within the website using VIM text editor with permissions set accordingly

### Advanced System Analysis and Design Spring 2020

- Developed a business case, business context diagrams, process models, and interface designs for a medical system containing HIPAA data
- Conducted bi-weekly scrum meetings and recorded progress on a Gantt chart using Agile SDLC

### IT Auditing Spring 2020

- Conducted thorough auditing of various business controls, (i.e. general, preventive, application, corrective, access, security management), policies, software, databases, firewalls, etc.
- Developed various artifacts following the Audit Life Cycle process from planning to reporting.

## OTHER EMPLOYMENT HISTORY

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### Software Engineer, TCS Richmond, VA Chrome River, Nutrien January 2021 – Present

- Developed various full-stack applications, utilizing MEAN stack and JAVA
- Held various software development and data analysis roles, with different technology stack, such as SAP EWM, and Microsoft Power BI

### Salesman, Goldmines Jewelers September 2019 - March 2020 Richmond, VA

- Grossed \$10,000 in sales during the first month in the role and continued to reach sales goals based on product knowledge
- Held meetings with potential clients and negotiated sales with customers

### Host, River City Diner September 2016 - August 2017 Richmond, VA

- Managed multiple operations for Front of House including greeting and seating customers and accurate phone reservations

## VCU & COMMUNITY ACTIVITIES

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AITP – Association of Information Technology Professionals: Member January 2018 - Present

Alpha Phi Omega: Member January 2018 - June 2019

Richmond Folk Festival: Volunteer August 2018 - September 2018

## ADDITIONAL PROJECTS

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**Hack the Box Penetration Testing Lab:** Rasta Labs- Red Team Simulation

**System Hardening-** Utilized Tripwire to secure Windows Server 2016 via group policy editor

**Security Topics-** Created a key and certificate policy on par with industry standards

## LANGUAGES

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- English (fluent)
- Nepali (fluent)
- Hindi (intermediate)