

Abhay S. Bisht

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EDUCATION

Northeastern University, Boston, MA Sept. 2020 – April 2024
Khoury College of Computer Sciences

Candidate for Bachelor of Science in Computer Science with Minor in Business Administration

Honors: GPA: 3.65/4.0 | Dean's List, National Merit Scholar

Coursework: Object-Oriented Design, Algorithms and Data Structures, Computer Systems, Theory of Computation, Database Design, Financial Management

Activities: Oasis, Project Developer | 10v10 Open Softball

Baccalaureate School for Global Education, Astoria, NY Sept. 2014 – June 2020

Activities: Mouse Design League, Group Leader | Helping Hands Committee, General Director
Mentorship Volunteer | Maker Cohort, Creative Designer

SKILLS

Languages: Ruby | JavaScript | Python | Java | SQL | HTML/CSS | C
Tools: Ruby on Rails | Postgres | Jenkins | Terraform | VSCode | Git
Cloud Services: AWS | Azure | HashiCorp Vault
Spoken Languages: English | Hindi

EXPERIENCE

Smartleaf, Boston, MA January – June 2023
Software Developer Co-op

- Developed brand new UI components and enhanced existing ones using Ruby on Rails, JavaScript (Stimulus framework), HTML and CSS
- Designed and implemented the error handling workflow for an external VM connected to our application (logging, monitoring, timeout, etc.)
- Updated the backend logic in our Advisor Portal application using Ruby on Rails and PostgreSQL
- Gained proficiency in a proprietary environment configuration management tool to quickly ensure that new features performed consistently between various environments
- Conducted several presentations in front of the development team and the company
 - Demonstrated vulnerabilities that may exist in our application and how to mitigate them
 - In-depth analysis of proprietary configuration tool and helped create a how-to guide
- Frequently initiated and facilitated cross-team conversations (i.e. PM and QA team)

Optum, Boston, MA January – June 2022
Software Developer Co-op

- Utilized Terraform to build and deploy critical infrastructure in both AWS and Azure
 - Helped develop an MSK cluster within AWS and used AWS Sandbox for testing
 - Created essential networking resources in Azure (Virtual Network, Subnet, Load Balancer) alongside security protocols (Bastion, Firewall, etc.)
- Redesigned and developed a microsite to centralize API documentation (READMEs, flow diagrams) using TypeScript and Docusaurus, and used Yarn and NPM for necessary packages
- Utilized Jenkins to create pipeline templates for various project types (i.e. Maven) as well as integrate with services such as HashiCorp Vault and GitHub
- Managed several daily scrum meetings and conducted knowledge transfers with lead engineers