

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 | Soccer Club, Coordinator
Student Council, General Director

COMPUTER KNOWLEDGE

Languages: Python | Ruby | Java | SQL | JavaScript | HTML/CSS | C

Software: Terraform | Jenkins | Postgres | VSCode | Git | Tuttle (Panix)

Cloud Services: AWS | Azure | HashiCorp Vault

EXPERIENCE

Optum, Boston, MA January – June 2022

Software Engineer 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.)
- Assisted in designing and developing 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
- Primarily managed code using GitHub and worked with advanced features such as Webhooks
- Managed a handful of daily scrum meetings and participated in pair programming and knowledge transfers with lead engineers

Oasis, Boston, MA September – December 2021

Project Developer

- Led a group of students in designing and programming the Free Time Calendar project
- Built relationships with a multitude of tech-oriented Northeastern students

Mouse Design League, New York, NY Oct. 2017 – June 2020

Group Leader

- Led and managed a group of 7 students through the process of brainstorming, designing, and prototyping products to improve the lives of people with disabilities
- Raised awareness for issues faced by people with disabilities and posed potential solutions by presenting prototypes to judges at annual competitions