

Arnav Dashaputra

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EDUCATION

Rutgers, The State University of New Jersey

Bachelor's degree, Computer Science

New Brunswick, NJ

September 2021 – December 2024

- **Minor:** Data Science

Relevant Courses: Linear Algebra, Calculus II, Data Structures, Algos, Comp. Architecture, Discrete Structures, Software Methodology, Internet Tech, Statistical Inferencing, Machine Learning, Data Mgmt. in SQL, Data in R, Tableau, AI Ethics.

SKILLS

- **Data Science Tools:** Python (pandas, scikit-learn, seaborn, OpenCV, BeautifulSoup, Selenium), R, PostgreSQL, Tableau.
- **Languages & Frameworks:** Java, FXML, HTML/CSS, JavaScript, React, Tanstack, Node, Bootstrap, jQuery, Express, C#.
- **Other:** Android SDK, Bash, Regex, ASM, Heroku Dynos, LaTeX, GitHub, Figma, MS 365, Adobe CC, Google Analytics, SEO.

PROFESSIONAL EXPERIENCE

Full-Stack Developer

Stealth Startup

Remote

March 2025 – Present

- Provisioned and deployed HAPI FHIR servers on AWS, integrating them with managed PostgreSQL databases; utilized Docker, AWS EC2/RDS, and pgAdmin for secure, scalable, and customized infrastructure provisioning.
- Designed and developed a React-based web application to interface with the FHIR server API, implementing advanced state management, data fetching, and dynamic UI behavior by using React Hooks and TanStack Tables.
- Automated server workflows by writing Python scripts for bulk CRUD operations and static resource generation.
- Developed a React application in collaboration with UX designers using Figma for streamlined design integration; ensured a consistent and seamless client-side experience by using React Router and custom UI component libraries.

Computer Laboratory Consultant

Rutgers University Office of Information Technology

New Brunswick, NJ

April 2022 – January 2025

- Diagnosed an average of 50 technical issues per week using ServiceNow workflows, OpenRegistry and other IDMS, PaperCut and Icinga for local device management, and SecureW2 for network authentication and security.
- Reduced average resolution turnaround times by 20% through proactive system monitoring, efficient troubleshooting, and effective prioritization; leveraged ServiceNow with Slack for rapid support coordination.

Center Director, Lead Hiring Manager

Code Ninjas – Bridgewater, Green Brook, & Hillsborough, NJ

Bridgewater, NJ

October 2020 – Present

- Improved customer subscription registrations by 70% by designing and authoring innovative programming curricula for over 500 students held during 36 week-long camp sessions across three different branch locations.
- Hired and screened over 60 employees and interns and held workshops to improve teaching skills and qualities.
- Increased web traffic by 40% and enrollments by 20% by developing the business's website and enhancing SEO through keyword optimization, performance tuning, A/B testing, and data-driven insights from Google Analytics.

Programming Projects

Tangerine

Remote

June 2020 – June 2023

- Entirely developed a NodeJS-based Discord service to provide advanced moderation and growth utilities to Discord server administrators; utilized various NodeJS libraries to aggregate and deliver real-time data to server users.
- Leveraged virtual private servers and Heroku Dynos for remote administration and dynamic horizontal scaling, ensuring optimal performance for over **300,000 daily users across 500+ unique Discord servers** at its peak.
- Created a landing page using Bootstrap and JavaScript to showcase the service and enhance user engagement; designed all branding and visual assets from scratch using Photoshop, creating a professional brand identity.

LEADERSHIP

Vice President of Communications

Sigma Phi Epsilon, NJ Beta

Rutgers University, New Brunswick, NJ

October 2023 – November 2024

- Boosted online presence by leading a 15% rise in Instagram engagements, and 10% growth in website activity.
- Strategized and executed major projects in consultation with executive board members, earning both the *Benjamin Hobson-Fraser Award for Excellence in Communications* and the *Talent Power Award for Excellence in Recruitment*.

Chief Logistics Manager

Team 1403 Cougar Robotics

Montgomery High School, Skillman, NJ

September 2017 – June 2021

- Led a team of 104 students to secure three consecutive qualifications for the FIRST Robotics World Championships.
- Composed and edited multiple award-winning essays for the FIRST Chairman's Award at local & regional levels.