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# Cornelius Brooks

Richmond, VA

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(804) 465-0188

## Links

**Portfolio:** <https://portfolio-cbedroid.vercel.app/>

**Github:** <https://github.com/cbedroid>

**LinkedIn:** [www.linkedin.com/in/cornelius-brooks](http://www.linkedin.com/in/cornelius-brooks)

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## Summary

Innovative, task-driven professional with over 4+ years of experience in Full Stack Web Developer, fundamental front-end languages, and server-side languages. A creative thinker that brings innovative solutions to help solve any arriving problems. Equipped with a record of success in consistently identifying and providing the technological needs of companies through ingenious innovation. Proficient in developing databases such as PostgreSQL, SQL, MySQL, and MongoDB, creating servers and databases for functionality and designing, developing restful APIs, creating user interfaces, writing and testing codes, and troubleshooting simple/complex issues.

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## Education

### Harvard University CS50

Computer Science - Web Development • Cambridge, Maryland

### Richard Bland College

Mechanical Engineer • Petersburg, Virginia

05 / 2 016

Dean's List, GPA: 3.50/4.00

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## Skills

Python/Django Developer, ReactJS Developer, Web Programming: HTML5, CSS3, AJAX, Web and Application Servers, Database Development, MVC Architecture, Teamwork and Collaboration, Avid Learner, Communication and Interpersonal Skills, Complex Problem Solving, Version Control Systems: Git, Github, Linux, Docker, AWS, Firebase, microservice

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## Experience

### Actalent Services LLC

Software Engineer

05/2022 - present

A consolidation of two leading engineering and sciences companies, Actalent combines specialized talent solutions with technical services capabilities delivered by our experts to drive value and results for our customers. Our people are passionate about making a difference and leveraging their expertise to contribute to something bigger.

- Evaluate application security tools for internal consumption. Prototype new automation and tooling to improve detection and prevention capabilities.
- Select and apply the correct technologies, strategies, and algorithms to efficiently solve complex problems.
- Worked collaboratively with Product Manager, Researchers, Tech Leads, and UI/UX Designers to develop and improve product features, and roadmap.

- Maintain the production application environment, including problem identification and resolution
- Work with other Cisco Network Engineers to create a network and intranet capable of handling all company needs.
- Designed and implemented REST API to establish communication with microservices using Django Rest Framework.
- Created database tables, schemas, and performed SQL queries using Postgres.
- Diagnosed and troubleshoot websites by deploying updated knowledge of modern technologies and techniques in the industry.
- Implemented and manage continuous application deployment using Github Action automation tool and CI/CD pipeline.

## TedText LLC

Web Developer • Virginia Beach, Virginia

02/2021 - 04/2022

Texting Educational Data – Rapid Knowledge Transfer and Assessment (TED-RKTA), provided by short message service (SMS, i.e., text messages) rapidly transfers knowledge, prepares learners and assesses knowledge decay. TED-RKTA equips Airmen and Sailors with a blended micro-learning and smartphone technology that is a comfortable environment that modern learners are already fluent in. Effortless learning through text messages. Micro-learning at the speed of texting. Use the power of texting to engage your students 24/7.

- Consulted with engineering team members to determine system loads and develop improvement plans.
- Consulted with clients and discuss ideas and suggestions in team meetings and delivered updates on deadlines, designs, and enhancements.
- Used Javascript, SQL, and HTML to develop app solutions, user interfaces, data visualizations, and designed overall user experience.
- Troubleshoot and resolve software and hardware problems using Linux/Unix operation system FTP and SSH commands.
- Designed and implemented REST API to establish communication with microservices using Django Rest Framework.
- Performed security analysis and penetration tests on web applications to check websites for vulnerability issues. Implemented AWS S3 and AWS Lambda Function to scale images and serve static files during production environments.
- Created database tables, schemas, and performed SQL queries using Postgres.
- Diagnosed and troubleshoot websites by deploying updated knowledge of modern technologies and techniques in the industry.
- Implemented and manage continuous application deployment using Github Action automation tool and CI/CD pipeline.
- Used Docker containers coupled with Nginx load-balancing tool to achieve continuous content delivery on the production server.
- Establish an interactive and dynamic website that guarantees high traffic, page views, and maximum user experience, generating a 35% increase in the company's sales revenue.
- Improved and designed monitoring systems to address issues with system stability and quality of data.
- Created and maintained clear, concise project plans and developed strategies to meet deadlines
- Utilized Python on Django web framework with Git to develop various front-end and back-end modules

## NoworNever LLC

Software Engineer • Jackson, MS

05/2019 - 01/2021

NoworNever, a media company that is redefining the future of music. We work with top artists in the music industry to help creators and advertisers of all sizes to reach listeners in the most immersive environment in the world.

- Collaborated with project managers to select ambitiously, but realistic coding milestones on pre-release software project development.
- Developed software for both desktop and mobile operating systems.
- Recruited in-demand talent to expand and diversify development staff.
- Worked closely with other team members to ensure the meeting of company goals.
- Liaised with customers, management, and sales team to better understand customer needs and recommend appropriate solutions.
- Tracked costs and expenses to compare with the original budget and identify failure points.
- Took detailed notes and kept records of program and performance progress, education initiatives, and leadership. Improved User Interface by converting application front-end to ReactJS.
- Increased website traffic by implementing SEO optimization tools.
- Used SASS and LESS CSS pre-processors for converting to old-fashioned CSS.

**Certificates**

Responsive Web Design - <https://shorturl.at/aqATV>