

# David King

US Citizen | 🌎 Chesapeake, VA | 📩 davidrking2080@gmail.com | ☎️ 757-848-6126 | [GitHub Portfolio](#)

## Professional Summary

Software Engineer with a strong foundation in full-stack development, database design, and secure coding practices. Skilled in C++, Java, JavaScript, and Python, with hands-on experience building applications using the MEAN stack and deploying solutions through Azure. Adept at troubleshooting, implementing secure coding practices, and collaborating in agile environments. Passionate about building scalable, efficient, and user-focused software systems.

## Technical Skills

- **Languages:** Python, Java, JavaScript, C++, C#
- **Frameworks & Tools:** MEAN Stack, Node.js, Express, Angular, MySQL, NoSQL, Git, Azure
- **Cybersecurity:** Secure coding, DevSecOps, Penetration Testing (Kali Linux)
- **Other:** Agile/Scrum, database design, REST APIs

## Education

**Southern New Hampshire University**  
*Bachelor of Science in Computer Science*

**Hooksett, New Hampshire**  
*March 2025*

- **Concentrations:** Software Engineering/Machine Learning
- **Related Coursework:** UI/UX Design and Development, Emerging Sys Arch & Tech, Secure Coding, Software Reverse Engineering, Object Oriented Programming, Data Structure and Algorithms, Operating Platforms, Software Development Lifecycle, Current/Emerging Trends in CS, Full Stack Development I, Discrete Mathematics

**Tidewater Community College**  
*Career Studies Certificate in Cyber Security*

**Virginia Beach, Virginia**  
*June 2019*

- **Concentrations:** Network Security/Secure Coding
- **Related Coursework:** Network Attacks with Computer Crime, Internet/Intranet Firewalls, Network Communication and Security, DevSecOps Pipeline Coding, Penetration Testing with Kali

## Experience

<b>Chesapeake Public Schools</b> <i>Chesapeake Virtual Academy STEM Tutor</i>	<b>Chesapeake, Virginia</b> <i>Jun 2023 – Present</i>
<ul style="list-style-type: none"><li>• Tutored/advised over 100+ full-time online students each semester in topics such as computer science, mathematics, software engineering, and other STEM sciences.</li><li>• Tutored/advised between 20 and 50 on-campus students each semester in STEM topics.</li><li>• Aided students in comprehending project planning and the client request pipeline for cumulative assignments.</li></ul>	
<i>Technology Integration Specialist</i>	<i>Aug 2020 – Jun 2023</i>
<ul style="list-style-type: none"><li>• Resolved 200+ technical issues monthly across Chromebooks, smartboards, and network systems.</li><li>• Managed deployment and lifecycle of 3,000+ Chromebooks, improving uptime by 25%.</li><li>• Supported IT systems for staff and students, ensuring reliable access to digital platforms.</li></ul>	
<b>Chesapeake Dept. of Human Services</b> <i>Web Developer</i>	<b>Chesapeake, Virginia</b> <i>Jun 2017 – Jun 2019</i>
<ul style="list-style-type: none"><li>• Designed and maintained department websites using WordPress and HTML, improving usability and accessibility for community programs.</li><li>• Conducted audits and managed databases to support city initiatives and reporting accuracy.</li></ul>	
<b>Lanier Engineering</b> <i>Surveying and AutoCAD intern (High School STEM Internship)</i>	<b>Albany, Georgia</b> <i>Jun 2014 – August 2014</i>
<ul style="list-style-type: none"><li>• Aided field survey teams on 5 different sites across the Albany area.</li><li>• Learned AutoCAD alongside career engineers in both geological and civil engineering capacities.</li></ul>	

## Projects

<b>Open Source Security Web Crawler</b> <i>Team Lead</i>	<b>Chesapeake, Virginia</b> <i>September 2025</i>
<ul style="list-style-type: none"><li>• Utilized JavaScript to build an OSV-powered dependency scanner for Python/Node projects.</li><li>• Scanner parses lockfiles, finds CVEs, writes a JSON report, and fails CI on high severity.</li></ul>	