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Nikhil **Garg**

Computer Science Student at the University of Washington

- Responsible and dedicated student focused on computer science and engineering.
- Software development enthusiast trying to use my skills to make an impact on the world.
- Maker at heart who likes to grow skills by building fun projects.

PROFESSIONAL EXPERIENCE

CodeDay   Seattle, WA 12/2019 – Present
CodeDay is a non-profit that provides hands-on opportunities for under-served communities to explore tech.
Software Engineer

- Maintain CodeDay React websites used globally to organize and run hackathons.
- Re-architect central CodeDay GraphQL server in TypeScript used as backend for all CodeDay sites.
- Work with VCS and CI/CD to collaborate with other developers.
- Re-wrote CodeDay's account management system using React, GraphQL, OAuth, and PostgreSQL.
- Responsible for managing the account backend services used by 10,000 CodeDay team members and students.
- Organized and operated CodeDay hackathons in the Seattle Area for groups over 150 students.
- Offered position by Executive Director/CEO after volunteering for over a year.

Raven Industries   Sioux Falls, SD 7/2022 – 8/2022
Raven Industries is a $2 billion autonomous agriculture technology subsidiary of CNH Industrial.
Intern, Software Development

- Interned for $2 billion subsidiary of CNH Industrial that specializes in agriculture technology.
- Investigated distributed IoT messaging platform for use on autonomous tractors.
- Created minimum viable product utilizing Go, Node.js, and Java showcasing messaging platform's capabilities and presented to Raven's engineering team.
- Documented software per requirements outlined by Raven software engineering team.

EDUCATION & PROFESSIONAL ACHIEVMENTS

University of Washington, Seattle, WA   Fall 2023 – Expected 2026
Paul G. Allen School of Computer Science
Direct Admit with Sophomore Standing

Inglemoor High School, Kenmore, WA   Graduated in 2023
International Baccalaureate (IB) Diploma Program

Skills

- Software Development | Web Development | Back-End Development | Hardware | GraphQL
- JavaScript | TypeScript | Java | Python | C++ | SQL | React.js
- Object Oriented Programming | Spring Boot | REST | AWS | Azure

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HOBBIES & VOLUNTEERING

I really enjoy using technology to solve problems. My hobbies include, computer programming, 3D printing, building computers, and using hardware like Raspberry Pis and Arduinos. I am a founding member of University of Washington's Solar Car team and a member of UW's DubHacks makerspace community. I also like to make and repair things like cars, UTVs, boats, and more. I am still engaged and help with CodeDay, an organization that helps under-served communities to get into tech.