Shreevatsa Ganapathy Hegde

sghegde@uw.edu | (425) 471-1440 | Seattle, WA | https://www.linkedin.com/in/shreevatsa-g-hegde
https://github.com/vatsa-hegde

Education

University of Washington, Bothell, Washington	Mar 2026
Master of Science in Computer Science and Software Engineering	GPA: 3.95	

Visvesvaraya Technological University (VTU), Bangalore, India	Aug 2021
Bachelor of Engineering in Computer Science	GPA: 3.94	

Technical Skills

Programming Languages: Java, Python, C++, JavaScript | *Database:* MySQL, PostgreSQL, MongoDB, SQL
Cloud Platforms: AWS, Firebase| *DevOps Tools:* Git, Jenkins| *Frameworks:* Spring Boot, Flask, Node.js, React.js
Operating System: Linux, Unix, Ubuntu | *Development Practices:* Agile Methodologies, TDD, SDLC

Professional Experience

University of Washington, Bothell, Washington
Graduate Research Assistant   Jun 2025 - Present
- Built secure web systems with CI/CD (GitHub + Heroku), improving reliability by 80% via zero-downtime releases.
- Led a 5-member team to develop a full-stack linguistic transcription platform, streamlining researcher workflows and boosting productivity by 20%.
- Documented and standardized transcription workflows, reducing onboarding time for new researchers by 40%.

Accenture Solutions Private Limited, Bangalore, India
Software Engineer   Mar 2023 - Aug 2024
- Designed 6+ Spring Boot microservices and REST APIs for large-scale distributed systems, reducing latency by 30%.
- Automated CI/CD pipelines with Jenkins and Gradle, reducing deployment time by 20% and improving observability.
- Mentored junior developers in design and development through 100+ code reviews, enforcing coding standards in agile teams and improving code quality and maintainability.

Application Development Associate   Dec 2021 - Feb 2023
- Integrated Learning Management System (LMS) with client infrastructure, reducing response time by 10%.
- Resolved 95% of technical issues within SLA through bug fixes and debugging, boosting user satisfaction by 10%.

Khetra Agritech Private Limited, Bangalore, India
Full Stack Developer Intern   Jul 2020 - Sep 2020
- Implemented a farmer-to-buyer e-commerce platform (Flask + React.js) enabling direct sales for 50+ farmers and increasing transaction efficiency by 20%.
- Optimized application performance to 96/100 Lighthouse score, reducing load time under 1.2s and improving SEO.

Certifications

McKinsey.org Forward Program, McKinsey & Company	Jul 2025
AWS Certified Cloud Practitioner, Amazon Web Services Training and Certification	Dec 2023

Academic Projects

Distributed Tic-Tac-Toe (Java, Sockets, SSH, Multithreading)   Apr 2025 - Jun 2025
- Implemented an online multiplayer Tic-Tac-Toe with AI opponent and two-node remote play, using sockets and multithreading to improve synchronization reliability by 70%.

Smart Waste Sorting System using YOLO and OpenCV   Sep 2024 - Dec 2024
- Developed a YOLOv3 + OpenCV system to classify waste into recycle, trash, and compost with 96% accuracy, enabling faster automated segregation.