Abhimanyu Verma

Peoria, Arizona, United States ✉ abhimanyuverma2001@gmail.com ☐ 4805936622 in www.linkedin.com/in/abhimanyuvermadev

SUMMARY

Results-driven Software Developer with 2.5 years of experience in full-stack, cloud, and data-driven applications. Currently pursuing a Master's in Computer Science at Arizona State University (Class of 2026) with a focus on scalable backend systems, AI/ML, and distributed software. Proven ability to lead product development in agile teams and deliver robust, user-centric solutions—recognized with First Place in the ASU Capstone Showcase. Strong communicator with a collaborative mindset and adept problem-solving skills.

SKILLS

- **Software Development:** Agile/Scrum, CI/CD pipelines and source control tools such as Git/GitHub or Bitbucket
- **Programming Languages:** Java, JavaScript, Spring Boot, , C#, C/C++, SQL
- **Frameworks & Tools:** Spring Boot, Node.js, Angular, RESTful APIs, HTML/CSS
- **Cloud Technologies:** AWS, AWS AI
- **Data & ML:** PyTorch, Pandas, Scikit-Learn, Apache Spark, MySQL, MongoDB
- **Tools & Methodologies:** Jira, Confluence, User Story Mapping, REST APIs
- **Soft Skills:** Analytical thinking, problem-solving, excellent communication, teamwork, and continuous learning attitude

EXPERIENCE

Software Developer Intern
Marsh McLennan   June 2022 - August 2022

- Developed and maintained UI features using Angular and RCA, ensuring high usability and performance.
- Participated in PI planning, feature grooming, and all Agile ceremonies throughout the SDLC lifecycle.
- Implemented CI/CD pipelines to streamline deployment and improve operational efficiency.
- Collaborated with cross-functional teams to enhance user experience and accessibility.
- Led the inaugural cohort of interns, actively shaping and implementing processes to support future intern groups.

Web Development Intern
RYNO Strategic Solutions   August 2018 - August 2020

- Contributed to requirement gathering, web development, SEO, and client onboarding for over 100 clients.
- Led updates to client-facing platforms, improving conversion metrics and mobile experience directly.
- Implemented PPC tracking scripts on diverse landing pages and assisted in deploying DDoS protection using Cloudflare.

- Wrote comprehensive documentation for ongoing SEO and marketing product enhancements.
- Built reusable components such as landing pages to streamline onboarding of future clients.

PROJECTS

Full Stack Debt Relief Application

- Architected an end-to-end **Angular + Spring Boot + AWS EC2** platform that automates debt management.
- Deployed on **Dockerized containers** for scalability; awarded **1st Place** in Capstone Showcase
- Implemented secure authentication, role-based dashboards, and real-time data visualization.
- Implemented Agile methodologies using Taiga and Github.

Hot Spot Analysis Project
- In this project I made a spatial data processing algorithm to find hotspots of pickups for NYC Taxis. I first identified hot zones and calculated their G* score. I then returned the 50 hottest pickup points for NYC Taxis

- Implememented with Apache Spark and Scala.

CERTIFICATIONS

AWS Certified Cloud Practitioner

AWS Certified AI Practitioner
Exploratory Data Analysis for Machine Learning

Education

Master's Degree in Computer Science

Arizona State University • August 2024 - Dec 2026

- Relevant Coursework:

  -Statistical Machine Learning, Data Processing at Scale, Knowledge Representation

Bachelor's Degree in Computer Science with Minor in Business

Arizona State University • August 2019 - Dec 2023

- Relevant Coursework
  -     Artificial Intelligence, Machine Learning, Distributed Software Development, Data Structures and Algorithms, Software Engineering, Data and Information Security, Operating Systems, Embedded Microprocessor Systems, Human Computer Interaction