

# Sreshta Reddy

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## Education

<b>Indiana University Bloomington</b> <i>Master of Science in Computer Science</i>	<b>Aug 2022 – May 2024</b> <i>Bloomington, U.S.A</i>
<b>Bangalore Institute of Technology</b> <i>Bachelor of Technology in Computer Science and Engineering</i>	<b>Aug 2017 – Aug 2021</b> <i>Bengaluru, India</i>

## Experience

<b>Vosyn (Startup)</b> <i>Software Engineer Intern (Full Stack Developer)</i>	<b>July 2024 – Present</b> <i>Remote, U.S.A</i>
<ul style="list-style-type: none"><li>➤ Led the product design and development of a customer-facing web application using React.js and Next.js, improving client interaction by 20% and demonstrating strong problem-solving skills.</li><li>➤ Collaborated with C-suite executives to translate business needs into scalable technical solutions, leading to a 15% increase in client retention through enhanced data insights and debugging, emphasizing communication and teamwork.</li><li>➤ Automated CI/CD pipelines using GitHub Actions to deploy applications on GCP, achieving a 30% reduction in deployment time and ensuring continuous delivery.</li></ul>	

<b>Luddy School of Informatics, Indiana University Bloomington</b> <i>Graduate Teaching Assistant - Software Engineering</i>	<b>Aug 2023 – May 2024</b> <i>Bloomington, USA</i>
<ul style="list-style-type: none"><li>➤ Led two project teams of 10 students through the complete software development life cycle (SDLC) using Agile methodology, increasing project delivery efficiency by 15% and ensuring adherence to software design principles such as SOLID.</li><li>➤ Tested and reviewed student projects, ensuring alignment with quality and regulatory requirements, thus preparing them for industry standards in software engineering.</li><li>➤ Guided students in implementing a media management system with Node.js and Azure Storage, improving their project efficiency by 25% through enhanced file upload processes.</li></ul>	

<b>Associate Instructor</b>	<i>Bloomington, USA</i>
<ul style="list-style-type: none"><li>➤ Led a team of 10 students in developing Java applications with Spring Boot and React, focusing on RESTful API design, resulting in a 95% project completion rate.</li><li>➤ Increased student proficiency in coding assessment scores through targeted mentorship and hands-on coding sessions.</li><li>➤ Facilitated lab sessions on front-end and back-end development, enabling over 50 students to successfully build full-stack applications, reinforcing their practical software development skills.</li></ul>	

<b>Oracle</b> <i>Associate Full-Stack Developer</i>	<b>Aug 2021 - Aug 2022</b> <i>Bengaluru, India</i>
<ul style="list-style-type: none"><li>➤ Enhanced a high-impact financial services project's front-end UI using React.js and Vite, achieving a 10% increase in user engagement and reducing page load time by 15%.</li><li>➤ Boosted system performance by 20% by developing and optimizing backend systems using Spring Boot and React, collaborating with cross-functional teams to deploy and enhance features, driving continuous improvement and effective problem-solving.</li><li>➤ Constructed UI (User Interface) screens, orchestrated backend REST API (Application Programming Interface), and handled databases for data configurations across 2 applications.</li></ul>	

<b>Hermitcrabs</b> <i>Web Developer Intern</i>	<b>Mar 2021 - Jun 2021</b> <i>Bengaluru, India</i>
<ul style="list-style-type: none"><li>➤ Increased user satisfaction scores by 15% by developing responsive web applications using HTML5, CSS3, and JavaScript.</li><li>➤ Integrated web build tools like Webpack, npm, streamlining development workflows and reducing build times by 20%, while ensuring compliance with deployment processes.</li></ul>	

## Projects

- **Skin Lesion Classification for Melanoma Detection** | *AWS, HTML, Javascript, ReactJS, Git*  
Accomplished real-time skin lesion classification, enabling faster diagnostic capabilities for users, as measured by a 30% increase in processing efficiency through the integration of cloud based AWS services and a react front end.
- **Watchafflick - Movie Booking Mangement System** | *Node.Js, React, AWS, PostGreSQL, Express*
  - Achieved a 25% increase in user sign-ups, as measured by registration metrics, by designing a full-stack web application that streamlined the booking process and enhanced user authentication security through a collaborative team approach.
  - Stepped up by collaborating with the team to set up Postgre SQL databases and develop RESTful APIs using Express, resulting in a 30% reduction in project build time and improved overall data handling efficiency.

## Leadership and Recognition

- **Volunteer, Senior Consultant - Hoosier Community Network** **May 2024 - Present**  
Led a team to develop websites for local businesses, improving client engagement by 20% through impactful user experience design and hands-on collaboration with small business owners.
- Recognized as "The Super Rookie" at Oracle for delivering efficient and clean code across multiple high-stakes projects within six months, demonstrating a consistent ability to meet tight deadlines and exceed expectations.

## Technical Skills

**Programming Languages:** Java, Python, JavaScript, SQL  
**Frameworks and Web Technologies:** NextJS, React, Material UI, Bootstrap, TypeScript, UI/UX Design, , HTML, CSS  
**Cloud Technologies and Devops:** Amazon Web Services (AWS), GitHub Actions , Docker, Maven  
**Developer Tools and Practices:** Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, PostMan, Jira, Github, Agile methodologies, SOLID principles.