Anand Krishna Mishra

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EDUCATION

Bachelor of Science, Computer Science	**CGPA: 3.98/4.00**	**May 2025**
Arizona State University		**Tempe, Arizona**

PROFESSIONAL EXPERIENCE

Software Development Intern   **June 2024 – August 2024**
CultureLancer, Inc (Blackstone Launchpad)   **Houston, Texas**

- Developed a dynamic front-end interface using HTML, CSS, and JavaScript, facilitating the collection of over 500 career assessment responses through a Career Assessment Form, resulting in a 30% increase in user engagement.
- Developed a robust backend solution in C# for processing and analyzing career assessment data stored in an Azure SQL table, reducing data processing time by 40% and improving report accuracy for over 300 users.

Undergraduate Teaching Assistant (CSE 360, FSE 404, FSE 100)   **August 2023 – May 2024**
Ira A. Fulton Schools of Engineering   **Tempe, Arizona**

- Designed onboarding materials for 560+ CSE 360 students, including software installation guides and tutorials for Eclipse, JavaFX Scene Builder, Jira, and Astah
- Conducted team project reviews for 40+ teams across 4 FSE 404 sections and delivered skill session lectures on Linux Command line, C++, and prototyping

Cybersecurity Analyst   **December 2023 – April 2024**
Resilience Inc.   **Tampa, Florida**

- Safeguarded the company's systems by identifying and mitigating potential cyber threats, utilizing ethical hacking techniques to reduce incidents by 15%, and collaborating with cross-functional teams to locate over 40 vulnerabilities
- Developed and executed organization-wide security protocols, performing regular audits to ensure compliance with industry standards, resulting in a 25% improvement in security practices compliance

Software Engineer Intern   **May 2023 - July 2023**
Mahindra Defense Systems   **Lucknow, India**

- Developed and implemented a responsive HRMS web application using C# ASP.NET MVC, resulting in a 30% increase in the efficiency of HR processes
- Collaborated with the Homeland and Cybersecurity Division to identify and address critical technical gaps within the state police force for implementation of the Emergency Response Project, improving response time by 7%

PROJECT EXPERIENCE

EffortLogger 2.0   **August 2023 - December 2023**
Developer Team (Team Lead), Arizona State University   **Tempe, Arizona**

- Developed EffortLogger 2.0 using Java and JavaFX to track weekly effort and defect data for up to 3 projects, boosting developer time tracking accuracy by 40%
- Created dynamic user interfaces tailored to employee tokens, enhancing user interaction efficiency by 35% and increasing system security by ensuring employees only access their assigned data.

Bridge2Africa   **August 2022 - December 2022**
EPICS (Software Team), Arizona State University   **Tempe, Arizona**

- Engineered a clicker pen mechanism to read text and actuate pins for Braille character formation, achieving a 60% reduction in production costs compared to market competitors
- Employed an HTML parser to extract text data from webpages, interfacing with Arduino to activate Braille pins using HSS, shift registers, and solenoids, achieving a 10% increase in real-time tactile web content representation speed

COMMUNITY INVOLVEMENT

Founder and President   **January 2012 - Present**
Bal Choupal   **India**

- Visited more than 150 villages and slums and encouraged over 50,000 children toward education
- Started 10+ initiatives to support the education of children from financially weak backgrounds

AWARDS & HONORS

Dean's List	New American University Scholar	Gold Award
Work+ Certificate of Appreciation	Kaplan International Award	

SKILLS

Programming Languages: Java, C, C++, C#, Python, MATLAB, Assembly, JavaScript, TypeScript, SQL
Tools: HTML, CSS, React.js, Node.js, Express.js, PostgreSQL, Salesforce, WordPress, Azure, Jira, Figma, Axure