Ishika Bhaumik

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EDUCATION

University of California, Davis   Expected Aug 2026
MS, Computer Science,   Davis, CA

PROFESSIONAL EXPERIENCE

NOVARTIS   Hyderabad, IN
Associate Analyst   **Aug 2022 – Aug2024**
- Built and maintained KPI monitoring dashboards using React.js and Java, automating workflows with machine learning models to enhance productivity.
- Improved application performance and reliability, minimizing downtime and optimizing user experience.
- Partnered with cross-functional teams to deliver data visualization solutions, accelerating decision-making processes for stakeholders.
  Frameworks used: React.js, Spring Boot, TensorFlow.

Analyst Intern   **Jan 2022 – Jun 2022**
- Processed pharmaceutical datasets to uncover patterns influencing medicine shelf life through custom machine learning algorithms.
- Predicted degradation rates with high accuracy, enabling targeted shelf life optimizations.
  Frameworks used: Python, Pandas, TensorFlow.

HIGHRADIUS TECHNOLOGIES   Hyderabad, IN
SDE Intern   **Jun 2021 - Dec 2021**
- Designed and developed React dashboards to enhance Accounts Receivable visibility, streamlining CFO decision-making.
- Optimized legacy SQL queries for Snowflake, improving performance by 30% and cutting report generation time.
  Frameworks used: Java, React, Snowflake, JUnit, JMeter

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, C++, C
- **Frameworks:** React, Spring Boot, Struts
- **Database:** MySQL, Snowflake
- **Version Control:** Git

PROJECTS

Web Scraper for Trending Tech Stacks
Built a website to analyze and summarize trending technologies, using Python for data scraping, Spring Boot for backend services, and React for the frontend.
Technical Frameworks: Python, Spring Boot, React, SQL, Java.

Developed a personal portfolio website to showcase projects and skills, implementing responsive design and seamless navigation using React.js.
Technical Frameworks: JavaScript, React