

## Akshay Varma Penmatsa

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As a motivated software engineer, my diverse experience in React.js and Next.js applications, along with proficiency in Java, TypeScript, and agile methodologies, positions me as a versatile and valuable asset for any development team.

### WORK EXPERIENCE

#### FourKites Inc. Software Engineer

Chennai, India  
Dec. 2022 – Aug. 2023

- Developed features, unit tests, and conducted code reviews for the redesigned version of the legacy application in React.js. Decreased the page loading time by 15% and user errors by 10% by leveraging code optimizations and implementing lazy loading techniques.
- Created, modified, tested, and documented reusable components with attention to detail in the organization's component library.
- Gained expertise in React.js optimization, complex state management, error reduction, efficient component library development, comprehensive testing, and code review skills, resulting in tangible improvements in performance, user experience, and code quality.

**Skills – React, Redux, TypeScript, Java, CSS, Unit Tests, Jest, Git, Application Testing, Docker, Agile, Scrum, Time Management, Teamwork**

#### C Squad LLP Software Engineer

Hyderabad, India  
Mar. 2022 – Nov. 2022

- Leveraged Next.js capabilities such as dynamic imports, lazy loading, and WebP images to optimize performance.
- Developed end-to-end quest page, encompassing frontend creation and backend using Go, along with protocol buffers integration.
- Transforming my skill set, I adeptly gained expertise in Next.js, while rapidly acquiring new technologies and seamlessly multitasking, leading to a 20% improvement in performance and a 15% increase in system responsiveness.

**Skills – React, Next.js, JavaScript, Typescript, CSS, TailwindCSS, Go, Protocol Buffers, Git, Blockchain, Design Thinking, Problem Solving, Adaptability, API Design, Smart Contracts, Solidity**

#### Elitptico IT Solutions Software Engineer

Hyderabad, India  
May 2021 – Mar. 2022

- Demonstrated expertise in creating features, and components and resolving front-end tickets in React promptly and effectively.
- Proficiently managed SQL queries, optimizing data retrieval and storage processes, leading to a 10% improvement in database performance and response times.
- Acquired expertise in React and SQL, while also honing my skills in complex problem-solving and debugging, which translated into a 20% reduction in application error rates.

**Skills – React, JavaScript, Java, CSS, Agile, Git, SQL, Spring Boot**

### EDUCATION

#### The University of Texas at Dallas M.S. in Business Analytics Course Work – Database Foundation, AWS Cloud solution architecture, Advanced Statistics for Data Science, OOP in Java, Machine Learning

Richardson, TX  
May 2025

#### Manipal Institute of Technology, Manipal B. Tech in Computer and Communication Course Work – Data Structures and algorithms, Object Oriented Programming, Advanced Statistics for Data Science, OOP in Java, Machine Learning, Python Programming, Software Design, Parallel programming, Pattern recognition.

Karnataka, India  
June 2020

### PROJECTS

**Leetcode profile page with live user data** | React | Express.js | JavaScript | CSS

May 2020

**Sentiment Analysis on Twitter feeds** | Python | Jupyter | NumPy | Pandas | Scikit Learn

Feb 2020

# Sameer Ranjan

Dallas, TX | sameerranjan009@gmail.com | xxy-yyy-yyyy | [GitHub](#) | [LinkedIn](#)

Summary statement in two lines that should just cover the space in short and explain why you are fit for the role that you are applying for.

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## EDUCATION

### The University of Texas at Dallas

M.S. in Business Analytics

Graduate Teaching Assistantship – Robotics Process Automation (2019)

Course Work - Big Data, Data Science, Machine Learning, Predictive Analytics, Prescriptive Analytics, Marketing Management, Econometrics, Advance Statistics

Richardson, TX

Dec. 2020

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### National Institute of Technology, Raipur

B. Tech in Engineering (Honors)

National Scholarship for Merit, Top 1% in engineering school

Raipur, India

May 2017

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## WORK EXPERIENCE/PROJECTS

### Catenate Corp

Chief Technology Officer and Director (Data Science)

Frisco, TX

Jan 2021 – Present

- First point explaining what the problem is and how you solved it with (if fresher what tool/technique)
- What is the USP of you as a person (Usually an algorithm/ technique or methodology)
- What you gained and learned in form of number metrics

Skills – AZURE, AWS, GCP etc

### XYZ

Board Chairperson

City, Country

Aug. 2021 – Present

- First point explaining what the problem is and how you solved it with (if fresher what tool/technique)
- What is the USP of you as a person (Usually an algorithm/ technique or methodology)
- What you gained and learned in form of number metrics

Skills – Advisory, Technical Architecture, Expectation Management, People Management, Design Thinking

### ABC

Head Data Scientist

Dallas, TX

Mar. 2021 – Dec 2021

- First point explaining what the problem is and how you solved it with (if fresher what tool/technique)
- What is the USP of you as a person (Usually an algorithm/ technique or methodology)
- What you gained and learned in form of number metrics

Skills – Deep Learning, MLOps, DevOps, Resource Management, Client Management

## PATENTS/RESEARCH PAPER/LEADERSHIP ORGANIZATION/PROJECTS

User Interaction and Data Algorithm to convert Qualitative data to quantitative data

June 2021

## AWARDS/COMMUNITY WORK

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**XVY** (Ongoing Research)

- Working with XVY to improve XYB and help YUC

