

# Ayushi Gupta

MERN Full Stack Developer

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## SUMMARY

Senior Software Engineer with 7 years of experience, including 4+ years of expertise in the MERN stack (MongoDB, Express.js, React.js, Node.js). Skilled in building responsive user interfaces with React, implementing robust backend logic with Node.js, and managing data storage with MongoDB and MySQL. A collaborative team player dedicated to delivering high-quality, scalable, and efficient software solutions

## WORK EXPERIENCE

### Principal Software Engineer

Jan '23 — Present

Arrk Group

Mumbai

As a Principal Software Engineer at Barbour ABI, contributed to the development and enhancement of a platform providing construction intelligence services

- **Migrated Webapp to React 18:** Successfully upgraded the platform from React 16 to React 18, resulting in a **30% improvement in performance** and ensuring compatibility with modern libraries and tools.
- **Developed Reusable Components:** Designed and implemented reusable React components, reducing development time for new features by **25%** and improving code maintainability.
- **Built and Maintained React.js Applications:** Leveraged React Hooks, Redux, Sass, Bootstrap, and JavaScript to deliver intuitive and responsive user interfaces.
- **Implemented Backend APIs:** Developed APIs using Django, enabling efficient communication between the frontend and backend and supporting new platform features.
- **Enhanced Authentication and Analytics:** Integrated Single Sign-On (SSO) login to streamline user authentication and implemented Google Analytics, increasing actionable insights into user behavior by **40%**.
- **Conducted Code Reviews:** Reviewed and improved the quality of the codebase, resolving **100+ bugs**, and ensuring adherence to coding standards and best practices.
- **Mentored Junior Developers:** Provided guidance and support to junior team members, helping them resolve technical issues and improve their coding skills, which boosted team productivity by **15%**.
- **Version Control Management:** Utilized Git and GitHub for version control, maintaining a robust and organized codebase to streamline collaboration across the team.
- **Improved Platform Stability:** Proactively identified and resolved critical issues, resulting in a **20% reduction in system downtime**.

### Senior Analyst

Feb '22 — Dec '22

Eclerx

Pune, India

As a Senior Software Developer on the Market360 Samsung project, played a key role in optimizing website performance and developing robust web applications

- **Achievements/Tasks – Market360 Samsung Project**
  - **Optimized Website Performance:** Improved website load times by **40%** through advanced query optimization techniques, significantly enhancing user experience and reducing bounce rates.
  - **Developed Responsive Frontend:** Built a dynamic and responsive frontend using React.js, achieving a **25% increase in user engagement** and ensuring seamless interaction with the platform.
  - **Implemented Robust Backend APIs:** Designed and developed scalable backend APIs with Node.js and MongoDB, improving data processing efficiency by **30%** and supporting the seamless integration of new features.
  - **Improved System Stability:** Resolved **critical bugs**, leading to a **20% reduction in system downtime** and ensuring reliable platform performance.
  - **Collaborated Across Teams:** Worked closely with project managers, developers, QA teams, and customers, achieving a **15% improvement in issue resolution time** by streamlining communication and troubleshooting processes.
  - **Enhanced Data Management:** Optimized database queries and indexing in MongoDB, resulting in **35% faster data retrieval** and improved overall system performance.
  - **Implemented Proactive Adjustments:** Regularly monitored system performance and implemented proactive optimizations, reducing server response times by **20%**.
  - **Streamlined Development Workflow:** Contributed to improving the development pipeline, reducing deployment time for new features by **15%**.

### Software Developer

Apr '20 — Feb '22

Squareyards

Gurugram, India

- **Payment Gateway Integration:** Successfully integrated payment gateway with Cashfree, enabling seamless and secure transactions for utility bill payments, rent payments, and other services, resulting in a **30% increase in user adoption of digital payments.**
- Digitized Reporting System:** Automated and digitized reporting processes, reducing manual effort by **40%** and improving the accuracy of financial and operational reports.
- Analytics Reporting:** Designed and published daily analytics reports to track product performance across key result areas, leading to a **20% improvement in data-driven decision-making.**
- Developed REST APIs:** Built scalable and efficient REST APIs using Node.js and MySQL to support Android and iOS applications, reducing API response times by **25%** and improving app performance.
- Integrated Background Verification:** Streamlined user onboarding by integrating third-party background verification APIs, reducing verification time by **50%.**
- Bank Account Verification:** Implemented bank account verification using Cashfree API, ensuring secure and reliable financial transactions with a **15% reduction in payment-related issues.**
- Improved System Efficiency:** Enhanced backend performance through query optimization in MySQL, resulting in a **35% improvement in database query execution time.**
- Collaborated with Cross-Functional Teams:** Worked closely with Android/iOS developers, QA engineers, and stakeholders to ensure seamless integration and delivery of features, improving development cycle efficiency by **20%.**

**Junior Software Developer**  
Dresma

Jul '18 — Mar '20  
Gurugram, India

- Achievements/Tasks Worked on Role-Based User Management System ,Participating in the design and creation of scalable software. Writing clean, functional code on the front-end and back-end.

**Nodejs Trainee**  
Appinventive

Jan '18 — Jun '18  
Noida, India

- Achievements/Tasks Worked on Pixalive App Create Restful API using NodeJS, express js and

EDUCATION

<b>Post Graduate Diploma in Computer science,</b> DayalBaghEducationalInstitute,Agra (GPA: 7.9)	Jul '16 — Jul '17 Agra, India
<b>B.Tech in Computer Science,</b> FacultyOfEngineeringAndTechnology,Agra (GPA: 73.5%)	Jun '12 — Jun '16 Agra, India
<b>12th in Science,</b> St Andrews Sr.Sec School (GPA: 79.6%)	Jul '11 — Jul '12 Agra, India
<b>10th in ,</b> St Andrews Sr Sec School (GPA: 9.4)	Jul '09 — Jun '10 Agra, India

SKILLS

**Programming Languages**    React js, python, JavaScript, TypeScript, Node.js

**Databases**    Mongodb, Mysql

**Version Control**    GitHub

**Cloud Services**    AWS(Store manager), CloudWatch, S3

**Containerization**    Docker