

VARUN POPLI

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Software Engineer | Front-End Development | Scalable Web Applications | Performance Optimization

Results-focused Software Engineer with 9+ years of experience specializing in front-end development, data visualization, and UI optimization. Proven expertise in building scalable web applications and interactive dashboards using modern JavaScript frameworks. Strong background in delivering high-impact user interfaces for enterprise and security-focused platforms. Adept at translating complex data into meaningful visual stories while ensuring performance, accessibility, and maintainability. Recognized for a detail-oriented approach, problem-solving mindset, and ability to thrive in fast-paced, collaborative environments.

KEY SKILLS

Front-End Development: React.js, Redux, JavaScript (ES6+), HTML5, CSS3

Data Visualization: D3.js, Highcharts, Three.js

UI Engineering: Component-Based Architecture, Responsive Design, Cross-Browser Compatibility, DOM Manipulation

Tools & Version Control: Git, SVN, Jira, Visual Studio, Postman

Collaboration & Workflow: Agile Methodologies, Debugging, Code Reviews, Technical Documentation

PROFESSIONAL EXPERIENCE

Staff Software Development Engineer | Zscaler, Bengaluru, India | May 2019 – Jul 2025

- Enhanced user experience and efficiency by **50%** by upgrading legacy JavaScript libraries to React, building reusable custom components, and maintaining thorough documentation to accelerate onboarding.
- Delivered **two visually compelling**, insight-driven dashboards using React and D3.js, highlighting IoT and remote work trends during COVID—**boosting client engagement and public awareness**.
- Migrated multiple projects to GitLab and configured CI/CD pipelines, enabling seamless continuous integration and accelerating development workflows.
- Resolved critical production issues promptly, ensuring **minimal downtime** and maintaining service reliability.
- Continuously upgraded technical expertise through internal training on modern frameworks and tools, contributing to improved product performance and innovation.

UI Developer | Infrd, Bengaluru, India | Nov 2018 – Apr 2019

- Revolutionized ML model efficiency** by developing a real-time data visualization tool using AngularJS and D3.js, enabling instant insights into training data and object recognition.
- Enhanced project scalability** by building a plug-and-play TypeScript library to track functionality across client projects, improving integration speed and maintainability.
- Implemented and debugged **new features** for a client-facing application using JSP and jQuery, contributing to smoother product delivery.

Software Engineer | Analytics Quotient, Bengaluru | Jul 2016 – Oct 2018

- Delivered 10+ complex data visualization and reporting solutions** for enterprise clients by integrating scalable web tools with D3.js, Highcharts, and .NET/C# backends. Solutions featured multi-layered filters, interactive charts, and exportable Excel/PPT reports—supporting critical business decisions and streamlined IIS deployments.
- Automated client deliverables** by implementing dynamic PowerPoint, PDF, and Excel generation using Aspose, significantly reducing manual reporting time.
- Improved internal deployment efficiency by 100%** by developing a custom NuGet package manager, enabling seamless in-IDE installation and updates within Visual Studio.
- Enhanced **backend functionality** through robust RESTful API development using C# and .NET, improving data flow and platform extensibility.

EDUCATION

- Master of Computer Applications (MCA) | *National Institute of Technology (NIT), Kurukshetra* | 2016
- Bachelor of Science (Honours) in Mathematics | *University of Delhi* | 2013