Divya Prakash Gupta

Senior Full Stack Engineer

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About Me

A curious explorer who is a technical allrounder with close affinity towards design. Passionate about learning new technologies. Positive and full of energy, loves new challenges and strives for excellence. Likes sharing knowledge and motivating people to be the best version of themselves.

Creator, entrepreneur, motivational speaker and multi-tasker.

Professional Summary

Senior Full Stack Engineer with 14 years of experience specializing in Frontend and Node.js Backend development within banking, financial, and eClassifieds domain.

Known for delivering impactful user-centered digital solutions that blend design-thinking and technology. I have a proven record of increasing user engagement, optimizing performance, and driving product growth through A/B testing. I excel in fast-paced environments, delivering high-quality, scalable solutions.

Experience

Nationale-Nederlanden / Senior Full Stack Engineer (Freelance)
AUGUST 2022 - PRESENT, THE HAGUE

Team: Onboarding & Authentication

- Lead Backend Developer: Developed a secure and scalable backend for user identity verification, customer screening and evidence storage for user onboarding and authentication in a React Native mobile app.

- Implemented comprehensive automated testing using Vitest and Cucumber, achieving excellent test coverage to ensure high reliability and performance.

- Established a CI/CD pipeline using Azure DevOps for automated deployments.

- Actively contributed to the development of the React Native app, available on iOS and Android, ensuring seamless integration with backend functionality, optimizing overall performance and smooth onboarding experience.

- Collaborated with cross-functional product teams, including payments, savings, and pension, to ensure a seamless integration of user onboarding processes.

Tech Stack: Javascript, Typescript, React Native, Node.js, Mongoose, MongoDB, Jest, Vitest, Cucumber, Docker, Monorepo, Serverless Framework, AWS, Azure DevOps, OpenAPI, WSO2, Instabug, Splunk

Adevinta [Marktplaats / 2dehands] / Senior Full Stack Engineer
AUGUST 2021 - MARCH 2023, AMSTERDAM

Team: Interactions (Messaging, Payments & Shipping)

- Led the migration of a legacy messaging application from Backbone.js to React, enhancing user experience and driving a 12% increase in user engagement and listing views, as validated through A/B testing.

- Created the Buyer Protection feature in the payments module from scratch, helping buyers and sellers trade securely on Marktplaats.

- Worked on various experiments and new features, building on existing functionalities to make the platform more engaging and user-friendly.

- Participated in user research and used design-thinking to make sure features met user needs and supported key business goals.

Tech Stack: Javascript, Typescript, Backbone.js, React, Node.js, Jest, Google Analytics, Python, Jupyter Notebook, Sentry, Kibana

eBay Classifieds [Marktplaats / 2dehands] / Senior Full Stack Engineer (Freelance)
AUGUST 2019 - JULY 2021, AMSTERDAM

Team: Finding (Buyer Search & Inspiration)

- Conceived, developed, and launched over 100 targeted experiments that introduced new features and optimized the homepage, category pages, and listing results. These initiatives significantly increased active buyers, listing views, and ad revenue by enhancing the user journey, as validated through A/B testing.

- Implemented strategic optimizations for digital advertising on the platform, enhancing user engagement and satisfaction while maximizing ad revenue. The introduction of video ads resulted in a notable revenue increase, all while maintaining a positive user experience and key performance indicators (KPIs).

- Additionally, ensured compliance with GDPR regulations, safeguarding user privacy.

Tech Stack: Javascript, Typescript, Backbone.js, JSP, React, Next.js, Node.js, GraphQL, Jest, Google Analytics, Python, Jupyter Notebook, Sentry, Kibana, Google Adsense, Google Tag Manager

Tikkie [via TCS] / Senior Front-End Engineer
DECEMBER 2018 - JULY 2019, AMSTERDAM

Team: Tikkie Zakelijk

- Collaborated closely with UX designers to create a design system and develop a reusable UI component library. Also established a standard front-end framework and development workflow. This initiative enhanced design consistency across the application, accelerated development time, and significantly improved the overall developer experience through the implementation of test-driven development and optimization of CI/CD pipelines.

- Contributed to the creation of the Tikkie Zakelijk portal, enabling businesses to manage their transactions more efficiently.

Tech Stack: HTML, CSS, Javascript, Typescript, React, Redux, Redux-Saga, Node.js, Jest, AWS, Storybook

ABN AMRO Bank [via TCS] / Senior Front-End Engineer
DECEMBER 2015 - NOVEMBER 2018, AMSTERDAM

Teams: Multibanking, Front-End Center of Excellence (CoE) guild

- Led the front-end development of the PSD2 Multibanking application.

- Worked collaboratively with product owners, UI/UX designers & solution architects in the development of multiple internet and intranet retail banking applications e.g. advice.

- As part of the Front-End Center of Excellence (CoE) guild:

- Enhanced team autonomy and accelerated time to production at ABN by redesigning the architecture of the internal omni-channel front-end framework, creating developer-friendly tools, optimized build scripts and CI/CD pipelines. This was a step closer for ABN towards DevOps goal.
- Together with my team(s), I have crafted and evangelized standards & guidelines of the FE framework, used to develop portal widgets which are used by millions of customers.
- Supported and consulted multiple development teams while conducting various training and knowledge-sharing sessions.

- Participated in the "Beyond Backing" internal hackathon, collaborating across teams to develop innovative fintech solutions.

Tech Stack: HTML, CSS, Javascript, AngularJS, Vue.js, React, Node.js, Jest, Protractor, Karma, Webpack, Backbase Portal, Storybook

Royal Bank of Scotland [via TCS] / Front-End Engineer
APRIL 2012 - NOVEMBER 2015, MUMBAI

Responsible for the development, maintenance, and support of various internet and intranet corporate banking applications, and served as the information security coordinator for the Mumbai offshore development center.

Tata Consultancy Services / Software Consultant
JANUARY 2012 - JULY 2019, MUMBAI + AMSTERDAM

Provided software consultancy to clients such as Royal Bank of Scotland, ABN AMRO, and Tikkie, contributing to a robust portfolio of front-end projects brought to TCS. Additionally, represented TCS as the Front-End Center of Excellence (CoE) for ABN, developing new business use cases.

Education

BBDNITM / Bachelor of Technology
2008 - 2011, LUCKNOW

Specialization: Information Technology

Government Polytechnic / Diploma in Technology
2005 - 2008, KANPUR

Specialization: Textile Technology

Skills

Frontend: HTML5, CSS3, LESS, SASS, DOM, Bootstrap, Tailwind CSS, JavaScript, TypeScript, React, Angular, Vue, Lit, Web Components, Backbone, Redux, Redux-Saga, Mobx, D3, Next.js, Gatsby, Nuxt, Webpack, Babel, Rollup, Accessibility, Cross-browser Development, Core Web Vitals Optimization, Storybook, React Native, Flutter

Backend: Node.js, Express, Python, Java, Mongoose, MongoDB, MySQL, XML, YAML, JSON, SOAP, REST API, Postman, Insomnia, GraphQL(Apollo, Prisma, Relay), Swagger, OpenAPI, Joi, ZoD, Transmit, Sanity, Strapi

Testing & Automation: Jest, Vitest, Enzyme, Cypress, Mocha, Chai, Karma, Puppeteer, React Testing Library, TDD/BDD, Jasmine, Cucumber, Detox, Appium, BrowserStack, SauceLabs,

DevOps: CI/CD, Docker, Azure Devops, Jenkins, Fastlane, AppCenter, Github, BitBucket, Gitlab, CircleCI, Vercel, Sentry, Instabug, Kibana, Splunk

Cloud: Amazon Web Services (AWS), Firebase, Google Cloud, Serverless Framework

Project Management: Agile, Scrum, Kanban

Design Skills: Design Thinking, UI/UX Design, Graphic Design, Photography, Filmmaking

Soft Skills: Analytical Thinking, Curiosity & Learning, Problem-Solving, Adaptability, Design-Driven, Data-Driven, Collaboration, Clear Communication, Mentorship, Creativity, Proactive

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Languages

English: Full professional proficiency

Dutch: Elementary proficiency (A2 level)

Hindi: Native proficiency