

# NITIN JADHAV

FRONT-END DEVELOPER ARCHITECT

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Insightful developer who cares about accessibility and performance. Builds beautiful, performant and highly usable frontends using cutting-edge tech. Experienced in Frontend architecture, migrating legacy apps to new tech stack, performance tuning and leading front-end teams. Takes pride in simplifying complex interfaces and mastering the craft. Possesses 13+ years of solid industry experience.

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## KEY SKILLS

Architecture: Knowledge of various patterns, platforms, tools and techniques for scalable and robust applications.

Technologies: **JavaScript, TypeScript, React/ReactJS, Angular, HTML5, CSS**

Familiarity with: **VueJS, AngularJS, GatsbyJS, GraphQL, Webpack, Grunt**

**Visual Design and Styling:** I write semantic, standards-compliant HTML and scalable, modular styling using modern CSS and SASS. I work with Flexbox and Grid Layouts, Responsive mobile-friendly design, Bootstrap and various other CSS frameworks

**Test Driven Development:** I write unit and integration tests using Enzyme, react-testing-library, protractor, Jasmine, Karma among other tools

**Agile:** I work with agile methodologies like scrum, sprints, stories etc. I use tools like JIRA, Confluence, Asana, Trello etc.

I have knowledge and hands-on experience of

- Web security techniques like XSS, CSRF, Content Security Policy (CSP)
- Various performance engineering and optimization techniques
- Authentication standards like JWT, Cookies
- Data visualization/Dashboard tools like eCharts, highcharts

As a senior developer, I have hands-on experience with

- **Managing developer teams** and customer communication
- Setting up/configuring **build process** using webpack, grunt, etc
- Creating **Deployment strategy** for project using docker, nginx proxy and similar tools
- Managing **Git repositories**, Code reviews
- Managing **Production releases and Delivery**
- Supporting projects after release

Familiarity with: **Node JS, Java, MySQL, MongoDB, GraphQL, Docker**

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## WORK EXPERIENCE

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### Senior Developer, European Bioinformatics Institute (EMBL-EBI), Cambridge UK

Dec 2020 – Now

- **Account Management Portal** (Senior Front-end developer)  
Portal for managers and employees to register and manage their data.  
**Technologies:** React, NodeJS, ES6, SASS, Docker
  - Frontend architecture and development
  - Code Reviews, Performance Optimizations

### Front-end Lead Developer, QiO Technologies Ltd (HQ in UK)

Feb 2016 – Nov - 2020

- **Foresight Suit of apps** (Lead frontend developer)  
  
Products for analysing and visualizing IOT data, predicting failures, Insights, Auditing, maintenance scheduling etc. Developed Dashboards, Visualizations, Various UIs, Components  
**Technologies:** React, Redux, Angular, ES6, Superset, ECharts, Jest, SASS, Webpack, Java, PostgreSQL, Docker
  - Did front-end architecture
  - Delivered many releases of product
  - Developed custom features for various customers, including reporting system
- **Insight** (Lead frontend developer)  
  
Project for optimize production line of materials and machines for Rolls Royce, Germany  
**Technologies:** React, Redux, ES6, Polymer, WebComponents, Jest, SASS, Webpack
- **Daily Progress Report** (Lead frontend developer)  
  
Project for managing schedules and reporting on ship, for **McDermott, USA**.  
**Technologies:** Angular 7, ES6, NGRX, RXJS, ECharts
  - Architected and delivered project, led team
  - Did optimization that resulted in 60% reduced load time
- **Authorized Service Centre** (Senior and later Lead frontend developer)  
  
A large-sized project for managing service centre operations for Rolls Royce, Germany  
**Technologies:** ReactJS, Angular JS, JavaScript, D3, Grunt
  - Led frontend team and developed several modules. Success of this project resulted in many more projects from this client.
  - Done usability reviews and performance tuning multiple times

- Successful done several POCs for prospective clients including Rolls Royce Singapore, which resulted in winning multiple projects.
- Delivered product demos and training to many clients on-site

#### Consultant Developer for Hewlett-Packard India and other clients

June 2015 - Feb 2016

- **Incident Reporting Portal**
  - Designed/Developed both UX & UI - for Hewlett-Packard India
  - Technologies: **React, Redux, HTML5, NodeJS**, Migrated from Legacy AngularJS
- Developed UX and design system for *Property Manager* for an Australian company
- Full stack development of **Customer Management Portal** for *Date Panchang*, a horoscope company

#### Senior Front-end Developer, MediaOcean

Feb 2014 – June 2015

Worked on UI development of company's flagship advertising product **Prisma**

**Technologies: React, AngularJS, Knockout JS, jQuery**

#### Senior Front-end Developer, Airtight Networks Inc (Now Arista)

Sept 2010 – Jan 2014

- Developed UI and component library for *Airtight Management Console*, a wireless security product
- Designed and developed JavaScript & GWT based application framework company product line. This UI framework is now standard through company's many products
- **Technologies: GWT, jQuery, AngularJS**

#### Junior Software Developer, Persistent Systems

June 2007 – Sept 2010

- Worked on *Protectoria*, a secure mailing platform as developer -JSP, JSF and HTML/JavaScript.
- Worked on *Groundwork open source* network monitoring tool - developed portlet framework which is still in use

Internship, Persistent Systems – leader in outsourced product development

2007

Internship, Date Panchang Technologies, Pune

2004

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## EDUCATION

#### Master of Computer Applications, 2007

The University of Pune, a 3-year full-time computer science curriculum

#### Bachelor of Computer Science, 2004

The University of Pune, Specializes in data structures, databases, networking

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## PERSONAL

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Nationality: Indian

Languages: English (proficient), Hindi, Marathi

Marital status: Married

Interests: Trekking, Teaching, Philosophy, Philanthropy, Gaming, Hardware and Gadgets