

# Hasan Jessa

## Frontend Engineer

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## Education

### Bachelor of Science - Computer Science and Programming

University of Karachi - Karachi,  
Pakistan

Jan 2013 - Apr 2017

## Skills

### Languages

HTML 5  
CSS 3  
JavaScript  
TypeScript  
SASS/SCSS  
Java (v8/v17)

### Frameworks

Angular (v14)  
Spring Boot (v3)  
ExpressJS  
NodeJS (v18)

### Libraries

React (v18)  
Redux  
KendoUI  
jQuery (v3)  
Bootstrap  
Thymeleaf

### Database

Elasticsearch  
NoSQL  
PostgreSQL

### Testing

Unit Testing  
Postman  
Cypress

### Project Management

JIRA  
Figma/FigJam

### Version Control

Git  
BitBucket  
SourceTree  
GitHub

### Environment

Docker  
Maven Build Tool

### CI/CD & Deployment

Jenkins  
AWS

Solution-driven Senior Software Engineer adept at contributing to a highly collaborative work environment and familiar with a wide range of programming utilities and languages in cloud-based systems. Knowledgeable of frontend and backend development requirements. Collaborative team player with excellent technical abilities offering 6+ years of related experience. Eager to work with new technology on both frontend applications and backend services at Cloudflare.

## Professional Experience

### Full Stack Engineer

Talent Pathway - Frisco, TX | Jan 2021 - Current

- Collaborate with business stakeholders, program managers, and other engineers to deliver robust software solutions for staffing needs and act as a subject matter expert to address technical roadblocks, write unit tests, perform debugging, and resolve high-priority ELKs.
- Independently developed a communication app using Twilio Voice SDK, enabling over 800 users to make calls, send messages, and manage voicemails. Significantly reduced the company's communication costs by \$200,000 annually.
- Created a robust Chrome Extension utilizing jQuery to parse job and lead information from job portals. Integrated this data seamlessly into our internal talent management software, enabling users to add over 50 leads and 100 jobs daily.
- Designing and implementing frontend applications and POCs using AngularJS and TypeScript, including dynamic (reactive) forms, presenting search results in multiple formats (grid, card, map) using Kendo UI, and utilizing OCR for image processing into machine-readable text.
- Creating backend services RESTful APIs using Java (JDK17) and Springboot that facilitate web service access for 1000+ users through standard HTTP URIs. Documenting software development methodologies in technical manuals using SwaggerUI for other fellow engineers.
- Mentored and trained 8-10 junior software engineers and interns, imparting skills in front-end technologies (AngularJS, TypeScript) and backend services (Java, Spring Framework).
- Partner with UX designers and product owners, dedicating 10-15% of the time to developing new requirements through user stories. Enhance existing functionality and system design through data modeling and prototyping.

### Frontend Engineer

Venture Dive - Karachi, Pakistan | Sept 2017 - Aug 2020

- Developed and unit-tested functionality and components using HTML, CSS, and JavaScript for 25 projects, following a mobile-first approach for responsive design and optimized cross-device/cross-browser compatibility for web applications.
- Implemented dynamic and user-friendly web applications leveraging ReactJS, resulting in a 25% reduction in loading times through optimized rendering and state management.
- Contributed to all phases of the systems development lifecycle, encompassing 25 projects from requirement gathering to production releases, achieving a 90-95% on-time delivery rate.
- Revamped and modularized 5 outdated code bases to modern development standards, resulting in a 15% reduction in operating costs and a 25% improvement in functionality.
- Collaborated with designers and performance team on designing updates to sites and blogs, improving user experience by 40%.
- Crafted customized solutions for 25 proposals to potential clients, resulting in a 35% increase in successful conversions.