FERHAT UCAR.

CURRICULUM VITAE

ABOUT ME.

Meet Ferhat, a dynamic individual with a passion for technology, creativity, and a diverse set of skills that make them stand out in both the software development and design realms.

As a seasoned software engineer and designer, Ferhat thrives on the ever-evolving landscape of technology. Their commitment to staying up-to-date with the latest trends and advancements ensures that their work is not only innovative but also at the forefront of industry standards. With a keen eye for detail and a knack for problem-solving, Ferhat crafts software solutions that seamlessly blend functionality and aesthetics.

In addition to their role as a software engineer, Ferhat wears multiple hats, including that of a skilled photographer and videographer. With proficiency in image editors such as Photoshop, Illustrator, and InDesign, they bring a creative touch to their projects, whether it's designing user interfaces or capturing captivating moments through the lens.

Beyond the digital realm, Ferhat is a globetrotter who finds inspiration in diverse cultures and landscapes. Their role as a photographer allows them to combine their love for technology with a passion for visual storytelling, while video editing further enhances their ability to convey compelling narratives.

Despite their busy professional life, Ferhat finds joy in culinary pursuits. A cooking enthusiast, they love experimenting with flavors and creating delicious meals. At home, they play the role of a loving parent to their daughter, balancing the demands of work and family with grace.

An avid movie buff, Ferhat enjoys the immersive experience of watching films in theaters. The combination of a compelling storyline and cinematic visuals is a source of relaxation and inspiration for them. And let's not forget their love for coffee, which fuels their creative endeavors and adds an extra layer of enjoyment to each day.

In summary, Ferhat is a multifaceted individual whose passion for technology, design, travel, and family enriches both their professional and personal life. Their journey is a testament to the harmonious blend of creativity and technical expertise, making them a truly unique and inspiring figure in the world of software engineering and design.

EDUCATION.

MEDIA DEVELOPER
2008-2012
Davinci College MBO4, Dordrecht - Graphic and web(app) design

COMMUNICATION & MULTIMEDIA DESIGN
2013-2014
HBO, Den Haag - UX & UI and Interaction design

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Ferhat Ucar

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Email
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Date of birth
06/03/1989

Driving licence
B

Nationality
Nederlandse

Marital status
Married

INTERESTS.

Photography
Video editing
Literature
Travelling
Swimming

LANGUAGES.

Language	Level
Dutch	100%
English	95%
Turkish	100%
German	20%

WORK.

ASML.

Software Engineer

1 year: Worked on web-components with Storybook, styled-components and React. In a agile team of 7 developers. Writing tests with react-jest-library and Enzyme. Writing e2e tests with Cypress. Planning is made through Jira and the pipeline is used on BitBucket.

1.5 year: After 1 year I was moved to a more complex team with 8 members, where we transform data and put it into different types of graphs, that is build with React.

Tech: HTML5, Styled components, TypeScipt, Immutable, Lodash, React, Redux & React hook forms, Cypress, Echarts, Enzyme, Jest & RTL, Docker, PostgreSQL, Express & Axios.

SCANLY BV.

2019-2021

Co-Founder & Software Engineer

Project management on the CMS and Front-end. Head of marketing. Lead of infrastructure and Firebase functions/database. Developing a native app in Typescript, Angular and Cordova. Building the UI with Ionic. Designing and building the app to the Apple App Store and Google Playstore. Testing and support for back-end development in Python for object detection in TensorFlow. Deployed on Vercel.

Tech: HTML5, SCSS, TypeScript, Angular, Ionic, Cordova, TensorFlow, Python, Xcode & Vercel.

ENECO.

2021
3 months

Front-end Engineer

Worked on the web components with Storybook, styled-components andReact. In a team of 5 developers where we used the agile methodology to optimally improve the UI and user statistics.

Tech: HTML5, SCSS, TypeScript, Style Components, Storybook, React, Yalc, Enzyme & RTL.

GZ PLEIN.

2021
3 months

Lead Software Engineer

Set up a web application from scratch in React, Recoil and Web Components. The components are styled in styled components, Material UI and SCSS. Made use of Axios and GraphQl for fetching data from/to back-end. The front-end structure is set up in Barrel. Cooperated with the pipeline in Azure DevOps. Contributed to the production of generated files in Swagger / OpenAPi 3. Experience with Piranha CMS. Concepts created and designed in Adobe Xd. Agile methodology was used during the work.

Tech: HTML5, Styled Component, Material UI, React, Enzyme, RTL, Recoil, Axios, GraphQl, Barrel, Azure DevOps, Swagger, OpenApi3, Piranha CMS and Adobe Xd.

KAMER VAN KOOPHANDEL.

2021
3 months

Front-end Engineer

As an external I have temporarily replaced another developer. Here I have set up a documented, design system, where I created global components with React. I have also been a good support in 2 platforms of KVK. The stack mainly consists of React, Redux, Immutable.js, Node and .NET. REST API with GraphQl. The components within the platforms are designed by styled components. The tests are written in Nightwatch. Worked with Gitlab (CI/CD), Jira, Docker.

Tech: HTML, Styled Components, React, Redux, Immutable.js, Node, GraphQl, Nightwatch, Enzyme, RTL, Gitlab and Docker.

WORK.

MINISTERIE VAN BINNENLANDSE ZAKEN.

2019 - 2021

Software Engineer & UX Designer

Working on a large, scalable web application with TypeScript. Build with React and migrated state to Redux with Redux toolkit. Using Material Design UI for its interface. Writing end-to-end tests with Cypress and Cucumber. Love to use Lodash to work with data. Writing code with RxJS. Making designs with Adobe Xd and Pencil. Having sessions with users for better user experience and accessibility. Using SCSS and styled components. Writing Node/Express to connect front-end with back-end. Die hard Git user without tools. Experienced with Jira, CI/CD, Confluence, BitBucket and Bamboo.

Tech: HTML5, SCSS, Styled Components, TypeScript, React, Redux (toolkit), Material UI, Cypress, Cucumber, Lodash, RxJS, Git, Node, Express, Adobe Xd and Pencil.

CALVI.

2019-2021

Front-end Engineer & UX Designer

HTML5, SCSS (Bourbon). Build own web component library. Using JSON to compile SCSS variable structure. Frontend architecture with SMACSS, BEM or DoCSSa. CSS: Flex and Grid. Writing TypeScript to build OOP applications in Angular 2+. Migrated AngularJS to Angular 2. Functional programming with RxJS. Used state manager with NGRX. Using Webpack as a task runner. Used GIT and Jira. Cross browser testing. Used NX workspace to manage multiple apps in a single monorepo. Cypress/Cucumber for e2e-testing. Jest for unit-testing. Experience with Docker and CI/CD in Azure DevOps and Jenkins Making semantic written applications for better performance and credible app, and accessibility. Designed icons in SVG in Illustrator for usability. Performed User Research and information architecture. 'Pre' front-ending with Adobe Xd, made clickable wireframes and visual designs.

Tech: HTML5, SCSS, TS, Angular 2+, Bourbon, JSON, RxJS, NGRX, Webpack, Git, NX, Cypress, Cucumber, Docker, Azure DevOps, Jenkins and Adobe Xd.

QI PRESS CONTROLS.

Lead Software Engineer

2016-2018

HTML5, SCSS (Bourbon and Bootstrap 4). React en Context API. Front-end architecture – SMACSS, BEM, DoCSSa. Parsing JSON with HighchartsJS to build charts. Using Grunt as a task runner and NPM and Bower as a package manager. Using Django to build front-end web applications. Used Docker for its development environments. Version control with Git and Bitbucket. Used Jira to manage sprint board. Responsive design and mobile first. Usability, accessibility and robot testing. Used 5 browsers to test web applications. Worked in Azure DevOps for its CI/CD. Agile: Retro, daily standups and demo on every 2 weeks.

Tech: HTML5, SCSS, Django, React, HighCharts.js, Docker, Grunt, NPM, Bower and Git.

EHEALTH VENTURES GROUP

2015-2016

Front-end Engineer

HTML5, CSS3, SCSS (Bourbon and Neat), JS (jQuery & AngularJS) and PHP. Used Twig for template engine. SQL. Frontend architecture – SMACSS, BEM, DoCSSa. Used Grunt first and migrated to Gulp after. Version control: Git with Bitbucket. Used bower and NPM to manage packages. Worked with Vagrant. Mobile first and Responsive design. Used Jira to manage sprint board. Cross browser and usability testing. Agile: Retro, daily standups and demo on every 2 weeks.

Tech: HTML5, CSS3, JS, SCSS, jQuery, AngularJS, Bourbon, Neat, PHP, Twig, SQL, Gulp, Git, NPM and Vagrant.

BOND FOR WEB SOLUTIONS

2014-2015

Front-end Engineer

HTML, CSS, DNN & ASP.NET, JS (jQuery, AngularJS and GSAP Tweenlite). Bootstrap SASS with compass and bourbon. Mobile first. Cross browser testing. SEO, Google Analytics and Google for business. Adobe Photoshop & Adobe Illustrator. Mail-chimp expert and testing newsletters with Litmus.

PROJECTS.

● **DISCORD CLONE.**
2023
Software Engineer

I cloned Discord with a Nextjs project. The authentication (sign in and out) is made with NextAuth and Clerk. The BFF API is created with Clerk because of the providers, like Google and Github, is provided. I used Prisma to setup my database schemas. Most of the stuff is rendererd on the server side that creates fast and robust web applications. The deployment is made on Vercel and the data is stored on Planet Scale. The styling is made with ShadCN library and Tailwind CSS. I used Uploadthing to create file uploads that works well with Nextjs. The codebase is commited on GitHub.

Tech: HTML5, TypeScript, React & React hook form, Recoil, Nextjs, NextAuth, Clerk, Tailwind CSS, ShadCN, SocketIO, Axios, Prisma, Git, Vercel and Planet Scale.

● **ISSUE TRACKER TICKET SYSTEM.**
2023
Software Engineer

I created a "Jira" like application called Issue Tracker. This project is also build with Nextjs and React. The authentication is made with NextAuth with the Prisma adapter where Google is used to login. The users are stored in the database on Planet Scale. I setup my schemas with Prisma and the deployment is made on Vercel. I used Tailwind CSS to style my application. The codebase is commited on GitHub.

Tech: HTML5, Tailwind CSS, TypeScript, React & React hook form, Recoil, Nextjs, NextAuth, Axios, Git, Prisma & Vercel.

SKILLS.

HTML & CSS

REACT

NEXTJS

TYPESCRIPT

ANGULAR

NESTJS

NODEJS

PRISMA

VERCEL

SQL

PYTHON

AZURE DEVOPS

DOCKER

BITBUCKET & JIRA

FIGMA & ADOBE XD