

EDUARD RUZGA



BASIC INFORMATION

Latvia, Riga, EU

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PROFESSIONAL SUMMARY

I am a **Staff Engineer at Prezi**, currently overseeing various initiatives related to **user text, content, and file-to-presentation AI conversion pipelines**. My work spans across **prompt engineering, AI system evaluations, document context extraction, AI image generation, and storytelling**. Additionally, I help facilitate **AI upskilling programs** for company employees.

In my free time, I am growing my **YouTube channel (@EduardsRuzga)**, where I explore **AI coding tools**, and I actively participate in **open-source projects** (GitHub).

Overall, I have worked professionally as a **software engineer for almost two decades**, contributing to **website development, game development, collaboration and communication software**, and have also explored **entrepreneurship and startups**.

CORE COMPETENCIES

- Full Stack Development (React, Node.js, JavaScript/TypeScript, CSS)
- Proponent of speed of iteration over quality of iteration and balancing this with tech dept. In the end its end user who tells us what is right thing to do and we need to lern and iterate fast.
- Visual Storytelling and Presentation Technologies, Public Speaking
- Web Technologies and Browser Optimisation
- Agile Methodologies and MVP Development
- Technical Leadership and Mentoring
- Applying AI, LLMs, generative images, voice. Explorations and prototyping in Prezi and in side Projects
- Zoom integrations, video streaming, graphic integrations with camera, Electron, virtual cameras

WORK EXPERIENCE

Staff Software Engineer

Feb 2022 - Present

Prezi

- **Staff Software Engineer | Prezi (Feb 2022 - Present)**
- Explored **AI technologies** to enhance product capabilities and user experiences.
- Led R&D into **OpenAI integrations**, delivering **PreziAI features** (Prezi AI).
- Led **development efforts** in visual storytelling and presentation technologies.
- Spearheaded **MVP projects**, balancing technical debt, user value delivery, and rapid iteration cycles.
- Collaborated with **cross-functional teams** to align user needs with cutting-edge technology solutions.
- Worked on **Prezi Video, Virtual Cameras, Integrations with Zoom**.

Software Developer

11.2018 - Feb 2022

Prezi

- Developed **full-stack JavaScript applications** using **React, D3, Node.js, and Express.js** for Infogram.
- Implemented **accessibility features, internationalization, and data integrations like Live Google Drive connectors for Charts**.

- Contributed to the development of **automatic layout systems** and **video presentation features**.

FrontEnd Developer

02.2017 – 11.2018

E-Global Trade & Finance Group, Inc.

Utilized Angular.js, Jasmine, Karma, ChartIQ, and Highcharts for frontend development.

JavaScript/TypeScript frontend developer

02.2014 – 02.2017

CTCO

Working on large (more than 60k lines of code) front-end web application <http://infofolio.co/>

Using TypeScript, Backbone, Bluebird Promises, Grunt, Mocha/Chai, WebRTC, ReactJS

Approximately 50K lines of code in TypeScript alone

Also implemented user/license administration area for business users using Angular.js with TypeScript

Web development

2011 – 2014

Freelance

Flash casino games on contract basis

python/django/javascript/angular.js projects and Node.js Express.js projects on freelance basis

Also participating and winning local "build a startup in a weekend" events with projects:

<https://www.facebook.com/myCogo> Social Tamagochi

<https://www.facebook.com/evEvent> Event aggregator and recommendation service

<https://www.facebook.com/LudumDareRiga> browser game

Flash Developer

2009 – 2011

innoWate

Games development for social networks.

Responsibilities:

social network integration (facebook API, Vkontakte, Odnoklassniki and others),

UI and game engine development

Flash Developer

2007 – 2009

Core IT Development

Responsibilities: development of sites, banners and multimedia tools using Flash

Flash development

2006 – 2007

Freelance

Making small sites and banners with Flash

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EDUCATION

Master in Computer Science

2003 – 2009

Transport and Telecommunication Institute

Specialized in software development, computer simulations and modeling

Was receiving a grant for analytical skills for 3 years.

Winner of Riga City Council Transportation Department master work contest, 2009

Master work in Fluid Dynamics, contributing to EU research on air pollution.

Though had interests in using fluid dynamics in games.

Bachelor work: Presentation software in Flash for broadcasting presentations online.

Online courses

2011 – Present

[coursera.org](https://www.coursera.org/) and [udacity.com](https://www.udacity.com/)

• Udacity: Browser Rendering Optimization <https://www.udacity.com/course/browser-rendering-optimization--ud860>

• UC Berkeley: Software Engineering for Software as a Service 2012 <http://www.saas-class.org>

Ruby on Rails, TDD, BDD, Cucumber, RSpec, Heroku

- Stanford University: Introduction to Artificial Intelligence 2011 <http://www.ai-class.com>
- Technology Entrepreneurship 2012 <http://eesley.blogspot.com> <http://venture-lab.org>
- Udacity Web Application Engineering 2012 <http://www.udacity.com/overview/Course/cs253>
- Python, Google App Engine
- MongoDB for node.js developers 2013 https://education.10gen.com/courses/10gen/M101JS/2013_October/about
- NoSQL, MongoDB, Node.js, Scaling/Sharding/Replication etc

Innovation Academy Entrepreneurship Program

January 2023 – May 2023

Riga Business School

Pre-acceleration and education program with teams bringing ideas from inception to user interviews, prototypes, and to pitches to investors.

With a team, we explored but paused user feedback analysis product idea

<https://wonderwhy.wixsite.com/sensemaker2>

LANGUAGES

Russian: native

English: fluent

Latvian: intermediate

SKILLS

During career had experience with following technologies

Node.js, Electron, Flash, Python, Ruby,

MySQL, MongoDB, CouchDB/PouchDB, Firebase, SQLite

HTML/CSS/JavaScript/jQuery/TypeScript

AngularJs, Backbone.js, VirtualDOM with our without React

Working with APIs, Facebook, Google, Dropbox, Google, Jive, Exchange, OpenAI and Hugging Face.

Subversion, GITUnit tests with Mocha and Chai, Power-Assert, BDD with Cucumber or Protractor, Cypress.

i18n and Transifex

Accessibility and WCAG 2.0-2.1

LINKS

LinkedIn: <https://www.linkedin.com/in/eduardruzga/>

YouTube channel: <https://www.youtube.com/@EduardsRuzga>

Personal website: <http://www.wonderwhy-er.com>

Blogging: <https://medium.com/@wonderwhy-er>

GitHub: <https://github.com/wonderwhy-er>

BitBucket: <https://bitbucket.org/wonderwhy-er>