

VASIL IGNATOV

Former Electrical Engineer, future JavaScript Developer

My professional journey began in electrical engineering, where I honed my problem-solving skills. However, my true calling emerged when I transitioned into the realm of software development. Coding quickly became my passion, offering me a platform to address complex challenges with creativity and precision.



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WORK EXPERIENCE

Electrical Substation Operator Electricity System Operator EAD

06/2015 - 11/2022

PERSONAL PROJECTS

Chatbook [↗](#)

- Chatbook is Messenger clone application created with MERN stack and socket.io for real time chatting. The project has been deployed, click on the link above to view it.
- Real-time updates to conversation messages
- User typing functionality
- Changing the user's data and uploading a profile image through an external storage API (Imagekit.io)
- Friend search feature implemented by using debouncing to reduce server requests.
- Link to Front-end repository. [↗](#)
- Link to Back-end repository. [↗](#)

E-commerce App [↗](#)

- E-commerce project created with MERN stack.
- Route guards have been implemented using the HOC pattern on the following routes: wishlist, cart, and checkout.
- Authenticated users can view products, add them to the cart, and make purchases. They can also add products to their wish list.
- Guests can only browse products without the ability to make purchases.
- Dynamically loading product categories in the sidebar menu.
- Authentication implemented with JWT.
- Link to Front-end repository. [↗](#)
- Link to Back-end repository. [↗](#)

Express-boilerplate [↗](#)

- A boilerplate for quickly building RESTful APIs using Express and Mongoose.
- The project is published on npm, and it can be easily executed using the following command: `npm create -boilerplate-express < your-app-name>`
- Link to npm [↗](#)
- Authentication and authorization are established using Passport.js and two custom middlewares, 'auth' and 'isAdmin'.
- Error handling through a global error handler.
- Improving security by using Helmet to set secure HTTP headers and implementing data sanitization to protect against XSS and query injection vulnerabilities.

EDUCATION

BSc Electric Power Engineering
"Angel Kanchev" University of Ruse

Computer Technology
"Apostol Arnaudov" High School

TECHNOLOGIES

JavaScript

HTML

CSS

React.js

Express.js

Node.js

MongoDB

Mongoose

MySQL

Socket.io

Bootstrap

SOFT SKILLS

Problem-solving

Adaptability

Teamwork

CERTIFICATES

Socket.io [↗](#)

MySQL [↗](#)

AWS Essentials [↗](#)

JS Back-end [↗](#)

JS Applications [↗](#)

JS Fundamentals [↗](#)

JS Basics [↗](#)

LANGUAGES

English

Professional Working Proficiency

INTERESTS

Guitar Playing

Martial Arts

Hiking