# 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 funtionality
- 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 projects is published on npm, and it can be easily executed using the following command: npx 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**

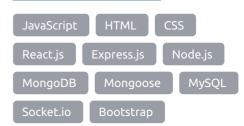
"Angel Kanchev" University of Ruse

#### **Computer Technology**

"Apostol Arnaudov" High School

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- 👿 vasilignatov.dev/
- 🗘 github.com/vasilignatov

### **TECHNOLOGIES**



# 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

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