

Chaian Par-ool

Junior Backend Developer

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Highly motivated Back-End Engineer with a strong foundation in Robotics Engineering and a passion for developing software solutions.

Possessing a solid foundation in engineering principles, analytical thinking, and problem-solving, I am eager to leverage my technical skills and adaptability to contribute to the development and optimization of software applications. With a keen eye for detail, a drive for continuous learning, and a collaborative mindset, I am determined to excel in the realm of back-end engineering.



Check out my CV-website: <https://chaperx64.github.io/Development/>

EDUCATION

Bachelor of Engineering in Robotics, 2011-2016

Peter the Great St.Petersburg Polytechnic University, Saint-Petersburg, Russia

While studying mechatronics, obtained skills and knowledge in a wide spectrum of technical fields from mechanical, material and electric design to automated control theory and PLC programming.

PROFESSIONAL SKILLS

- **Programming Languages:** Proficient in Python, familiar with JavaScript
- **Web Technologies:** Solid knowledge of HTML5, CSS3, SASS
- **Backend Technologies:** Strong user of Django, Django REST framework and its ORM
- **Database Management:** Experience with SQL, PostgreSQL, SQLite, and database design principles
- **DevOps:** Linux server management GitHub Actions, Bash scripting; can setup a web-server using gunicorn and NGINX
- **Software Development:** Understanding of software development lifecycle and agile methodologies
- **Problem-solving:** Ability to analyze complex problems and develop innovative solutions

GENERAL SKILLS

- Strong problem-solving and critical-thinking skills acquired through cross-disciplinary experience
- Detail-oriented with a focus on delivering high-quality results
- Proactive learner with a passion for exploring new technologies and keeping up with industry trends

WORK EXPERIENCE

Mechanical Design Engineer at Photomechanics Automation

2021 – 2023, Saint-Petersburg, Russia. Logistics Equipment Automation Design

- Conducted feasibility studies and performed structural analysis to validate design concepts and optimize product functionality.
- Communicated and coordinated with suppliers and manufacturers to ensure successful implementation of design specifications.
- Assisted in the documentation and revision control of engineering drawings, maintaining accuracy and compliance with industry standards.

Further positions are not described as not relevant for the position of application. References are available upon request.

Mechanical Design Engineer at Russkaya Trapeza Holding Company

2019 – 2021, Saint-Petersburg, Russia. Packaging Equipment Design

Lead Mechanical Design Engineer (2018), Mechanical Design Engineer at TAURAS-FENIX JSC*

*(leading Russian producer of food packaging equipment, with presence in Europe, Russia and UAE)

2017 – 2018, Saint-Petersburg, Russia. Led a small team of designers (4 people). Headed the transition of equipment to comply with EU sanitary laws.

Mechanical Design Engineer at NPK Omega, Saint-Petersburg

2015 – 2017, Saint-Petersburg, Russia. Reverse-engineered several parts of CNC machining centers.

LANGUAGES

English – fluent (C1). Russian – native.

HOBBIES

Love to create music. Directed a small choir for +6 years.