Aleksander Baska

✉ baskaaleksander03@gmail.com

☎ +48 505225083

🌐 https://baskaaleksander.com

○ https://github.com/baskaaleksander

in https://linkedin.com/in/baskaaleksander

📍 Poznan, Poland

TECHSTACK & SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Python, C#
- **Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Shadcn UI, Figma, Framer Motion
- **Backend:** Node.js, Express.js Nest.js, REST API, GraphQL
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis, Prisma ORM, Drizzle ORM
- **Tools & DevOps:** Git, Github, Docker, CI/CD, Github Actions, Vercel, Render, AWS S3, Jest, Super Test, React Testing Library, OpenAI API, Stripe API, Axios, Swagger
- **Other:** Agile/Scrum, Clean Code, Responsive Design, SSR

LANGUAGES

Polish - Native

English - Fluent (B2)

PROJECTS

LearnBuddy - AI Study Companion - Github

- Built an AI-powered study platform (Next.js, NestJS, PostgreSQL, Redis, Drizzle ORM, OpenAI API) to generate summaries, quizzes, and flashcards from notes.
- Implemented Redis caching for quiz partials and authentication sessions, reducing retrieval latency; used BullMQ queues with 3 retries to ensure reliable quiz result storage.
- Created a responsive Next.js/Tailwind UI with shadcn/ui and export options for study materials in multiple formats.
- Set up a Docker Compose dev environment with automated migrations and CI/CD pipelines (GitHub Actions) for rapid, reliable deployments.
- Integrated Stripe API to ensure smooth subscription management

Bookify - Online E- Book Marketplace - Github

- Built and deployed a full-stack eBook marketplace using Next.js, NestJS, PostgreSQL, and Stripe, enabling users to browse, purchase, and review digital books.
- Designed and implemented REST APIs for auth, listings, reviews, and payments using NestJS, JWT, and Stripe Connect.
- Developed responsive UI with React (Next.js) and dynamic features like user dashboards, ratings, and book previews.
- Integrated AWS S3 for file uploads and used Docker for deploying frontend/backend to Vercel and Render.
- Wrote unit and E2E tests with Jest and React Testing Library to ensure code quality and stability.

EDUCATION

Bachelor of Science in Computer Science
WSB Merito University - Poznań, Poland
October 2023 - Present

Completed Year 2 of a 3.5-year engineering program with coursework focused on:
- Software engineering, object-oriented programming
- Data structures and algorithms
- Relational databases (SQL), database design and optimization
- Web technologies and application development
- IT project management (Agile, Scrum, PRINCE2)
- Computer networks and operating systems

WORK EXPERIENCE

IT On-site Support Intern
Carlsberg Shared Services - Poznań, Poland

- Supported users in Microsoft 365 and Windows environments (Intune, Azure AD).
- Set up and maintained office hardware: laptops, docking stations, printers, conferencing tools.
- Troubleshot basic network issues (Wi-Fi, Ethernet, VPN).
- Handled device onboarding, enrollment, and asset tracking.
- Contributed to IT documentation and process improvements.
- Modified existing scripts (PowerShell, Batch) and created simple automation tools.