

# Muhiddinov Ismoil

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## Education

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- Najot Ta'lim**, Foundation Programming Course [View] March 26 – August 20, 2024
- **Coursework:** DSA, Comparison of Learning Algorithms, Terminal, C basics, Python Advanced and Flowgorithm
- Najot Ta'lim**, Full Stack Node.js & React.js Course [View] September 2024 – May 2025
- **Coursework:** HTML, CSS, SCSS, JavaScript, Node.js, PostgreSQL, MongoDB, Docker, CI/CD with GitHub actions, TypeScript, MySQL, React.js, Express.js, Nest.js, Next.js, Telegraf.js, Grammy.js, ORMs, ODMs

## Experience

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- Backend Intern**, Applar company April 2025 – July
- Optimized PostgreSQL queries using Prisma ORM and B-tree indexing, boosting data retrieval speed by 10–15%.
  - Implemented real-time chat with WebSockets for seamless user communication.
  - Built robust backend modules with Node.js and PostgreSQL, focusing on performance and data integrity.
- Independent Developer Projects** March 2025 – Present
- Published `express-cli-kit`, a custom CLI tool that scaffolds modular Express.js applications with EJS template support, component generators, and automatic dependency installation.
  - Created **Chontak Bot Clone**, a Telegram bot that stores various media types (text, image, video, etc.) as key-value pairs and allows quick access through inline search queries.
  - Developed **Gadgets Bot** (in progress), a Telegram bot for submitting and listing new or used tech devices (laptops, phones, etc.) through structured forms, with automatic posting to a designated channel.
  - Implemented a **Blog Post API** using **Fastify** with RESTful endpoints, designed for scalability and performance.

## Projects

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- Chontak Bot Clone** github.com/chontak\_bot
- Developed a personal Telegram assistant bot (“Chontak Bot”) using NestJS and Telegraf.js, enabling users to save and retrieve text, images, and videos with custom keywords through inline queries and designed intuitive data structure for fast search and content delivery, enhancing media reuse efficiency by over 5×.
  - Tools Used: Node.js, NestJS, Telegraf.js, MongoDB, Mongoose
- Gadgets Bot** github.com/gadgets\_bot
- Built a Telegram bot for listing and managing new and used gadgets for sale and purchase. Streamlined device listing via interactive forms and automated submission to a sales channel.
  - Tools Used: Node.js, Nest.js, Telegraf.js, PostgreSQL, PrismaORM
- Nasiya App Backend** github.com/nasiyasavdo
- Developed the backend for a credit-based sales system, enabling sellers to track customer debts, manage repayments, and monitor transaction history.
  - Improved data synchronization and debt tracking workflows, reducing manual calculation errors by 15%.
  - Tools Used: Node.js, TypeScript, NestJS, PostgreSQL, TypeORM

## Technologies

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**Languages:** Javascript, Typescript, Python and C basics

**Technologies:** Express.js, Hono.js, Grammy.js, NestJS, React.js, TypeORM, Sequelize, Mongoose, Knex, Telegraf, Prisma, RESTful API, Swagger, Redux, Redux Toolkit, TanStack Query, Pg, TailwindCSS, WebSocket, Next.js, Fastify.js