



DevDen: Full Completed Plan



Brand Identity

- **Name:** DevDen — “The Developer’s Den” for South African devs.
- **Tagline:** *A hub for developers to connect, learn, and showcase.*
- **Brand Relationship:** Powered by brelinx.com (footer credit, About page, email templates).
- **Tone:** Professional, developer-friendly, minimal, non-distracting.

Color Scheme

- **Primary background:** White #FFFFFF
 - **Secondary text/nav:** Black #000000
 - **Accent:** Emerald Green #10B981 (sparingly for highlights, badges, verified states)
 - **Neutral:** Gray #6B7280 (borders, muted text)
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Frontend (GitHub Pages)

Stack:

- HTML → page structure
- Tailwind CSS → styling with custom palette
- TypeScript → interactivity, API calls, validation

Core MVP Pages (6):

1. Home (mission, CTA, “Powered by Brelinx”)
2. Login/Register (auth entry point)
3. Profile (user info, badges, contributions)
4. Community/Forum (posts, comments, discussions)
5. Resources (tutorials, scripts, guides)
6. Events (South African meetups, hackathons, jobs)

Expansion Pages (Full Build ~12):

- Projects Showcase
- Badges/Recognition
- Admin Dashboard
- Contact/Support
- About (Brelinx partnership)
- Settings

Frontend Flow:

- Static files hosted on GitHub Pages.
 - TypeScript fetches data from Back4App APIs.
 - Tailwind ensures responsive, modern UI.
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Backend (Back4App / Parse Server)

Core Collections:

- **Users** → auth, profiles, badges
- **Posts** → forum discussions
- **Comments** → linked to posts
- **Resources** → tutorials, guides
- **Events** → meetups, hackathons
- **Badges** → recognition system
- **Projects** → community showcases

Features:

- Authentication (login, signup, password reset)
 - File storage (scripts, images)
 - Real-time queries (live updates for posts/comments)
 - Geo queries (location-based events)
 - Role & ACLs (admin vs member)
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Database Relationships

- User ↔ Posts (one-to-many)
 - Post ↔ Comments (one-to-many)
 - User ↔ Badges (many-to-many)
 - User ↔ Events (one-to-many)
 - User ↔ Projects (many-to-many)
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Architecture Overview

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Frontend (GitHub Pages: HTML + Tailwind + TypeScript)
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|---> API calls (REST/GraphQL)
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Backend (Back4App / Parse Server)
|
|---> Database (Users, Posts, Comments, Resources, Events, Badges,
Projects)
|
|---> File Storage (uploads)
```

Development Roadmap

Phase 1 (MVP Launch):

- Setup Tailwind + TypeScript project.
- Implement user auth via Back4App.
- Build forum (posts + comments).
- Add resources page.
- Deploy to GitHub Pages with Brelinx branding.

Phase 2 (Expansion):

- Add events page with geo queries.
- Add badges system.
- Add projects showcase.
- Improve profile customization.

Phase 3 (Full Build):

- Admin dashboard.
 - Notifications (email/push).
 - Job board integration.
 - Dark mode toggle (invert scheme, keep green accent).
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Growth & Branding Strategy

- **Footer:** “Powered by brelinx.com” on all pages.
- **About page:** Brelinx partnership explained.
- **Email templates:** Brelinx branding included.
- **SEO:** Optimize for “South African developer community”.
- **Community seeding:** Add initial resources, events, and sample projects.
- **Recognition:** Award badges early to encourage engagement.

☒ In summary: **DevDen = a developer ecosystem hub for South Africa, powered by Brelinx.**

- **Frontend:** HTML + Tailwind + TypeScript on GitHub Pages.
- **Backend:** Back4App (Parse Server).
- **Branding:** White/black base, green accents, Brelinx credit.
- **MVP:** 6 pages, auth, forum, resources, events.
- **Expansion:** Badges, showcase, admin tools, job board.